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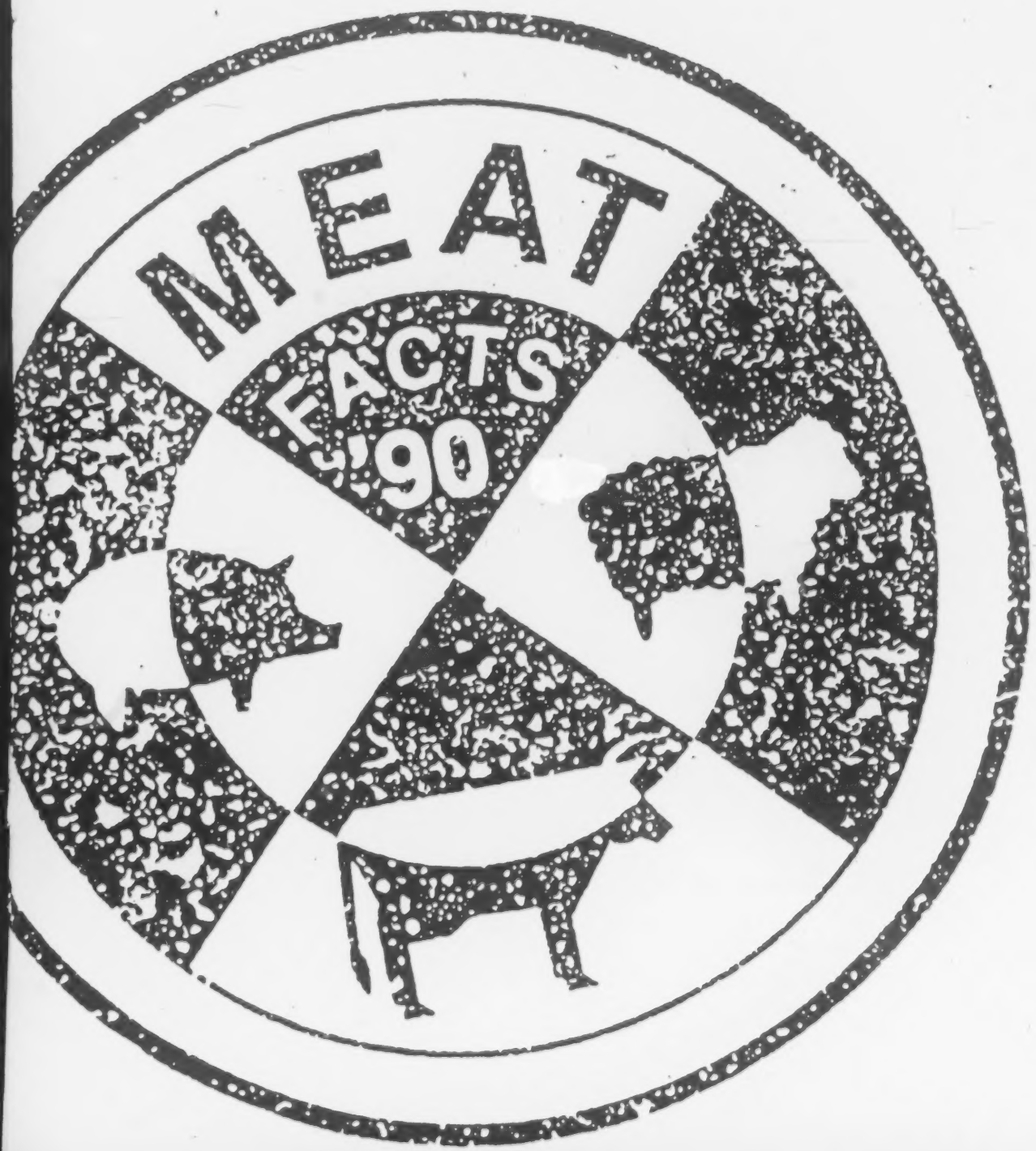

Meatfacts 1990

This is the twentieth annual edition of MEATFACTS, a statistical summary of the U.S. meat industry.

The tables and graphs on the following pages provide an overview of both past trends and current developments in the livestock and meat sector, including:

— Livestock supplies and prices
— Livestock marketings and receipts
— Slaughter and meat production
— Meat consumption and prices
— Consumer expenditures on food and meat
— Foreign meat trade

Trade issues dominated the news in the meat complex as the 1980's drew to a close and will continue to be of increasing importance throughout the next decade. Expansion of trade with Japan and an opening of the Korean beef market resulted in record export sales of both beef and pork in 1989. This contributed to the export value of livestock and meat products rising to an all-time high of $5.4 billion last year. Exports now represent 3.4 percent of U.S. production, a threefold increase from a decade earlier. Meat exports so far this year continue at a record-setting pace.

The domestic outlook for livestock and meat supplies is keyed to producer responsiveness to this year's near-record cattle and hog prices and the past several quarters of profitability in the production sector. Indications are that the cattle herd is slowly rebuilding and that hog supplies will be more plentiful next year. In the meantime, supplies will be tight relative to demand and consumer prices correspondingly higher. Poultry is expected to benefit from this by increasing its market share again this year and next.

The American Meat Institute hopes MEATFACTS '90 proves useful in promoting a better understanding of the American meat industry.

Jens Knutson
Director of Economic Research
American Meat Institute

J. Patrick Boyle
President & CEO
American Meat Institute

August, 1990

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Cattle, Sheep and Hogs on Farms January 1, 1925–90 And Total U.S. Resident Population July 1, 1925–90

	CATTLE AND CALVES	SHEEP AND LAMBS	HOGS[1]	TOTAL RESIDENT POPULATION
		1,000 Head		Millions
1925	63,373	38,543	55,570	115.8
1930	61,003	51,565	55,705	123.1
1935	68,846	51,808	39,066	127.3
1940	68,309	52,107	61,165	132.0
1945	85,573	46,520	59,373	132.5
1950	77,963	29,826	58,937	151.9
1955	96,592	31,582	50,474	165.1
1956	95,900	31,157	55,354	168.1
1957	92,860	30,654	51,897	171.2
1958	91,176	31,217	51,517	174.1
1959	93,322	32,606	58,045	177.1
1960	96,236	33,170	59,026	180.0
1961	97,700	32,725	55,560	183.0
1962	100,369	30,969	61,837	185.8
1963	104,488	29,176	62,726	188.5
1964	107,903	27,116	62,060	191.1
1965	109,000	25,127	56,106	193.5
1966	108,862	24,734	50,519	195.6
1967	108,783	23,953	57,125	197.5
1968	109,371	22,223	58,818	199.4
1969	110,015	21,350	60,829	201.4
1970	112,369	20,423	57,046	204.0
1971	114,578	19,731	67,285	206.8
1972	117,862	18,739	62,412	209.3
1973	121,539	17,641	59,017	211.4
1974	127,788	16,310	60,614	213.3
1975	132,028	14,515	54,693	215.5
1976	127,980	13,311	49,267	217.6
1977	122,810	12,722	54,934	219.8
1978	116,375	12,421	56,539	222.1
1979	110,864	12,365	60,356	224.6
1980	111,192	12,687	67,318	227.3
1981	114,321	12,936	64,462	229.6
1982	115,604	12,966	58,698	232.0
1983	115,199	12,026	54,534	234.3
1984	113,700	11,487	56,694	236.5
1985	109,749	10,443	54,073	238.7
1986	105,468	9,983	52,313	241.1
1987	102,000	10,334	50,920	243.4
1988	99,622	10,945	54,384	245.8
1989	99,180	10,858	55,469	248.2
1990	99,337	11,368	53,852	250.5*

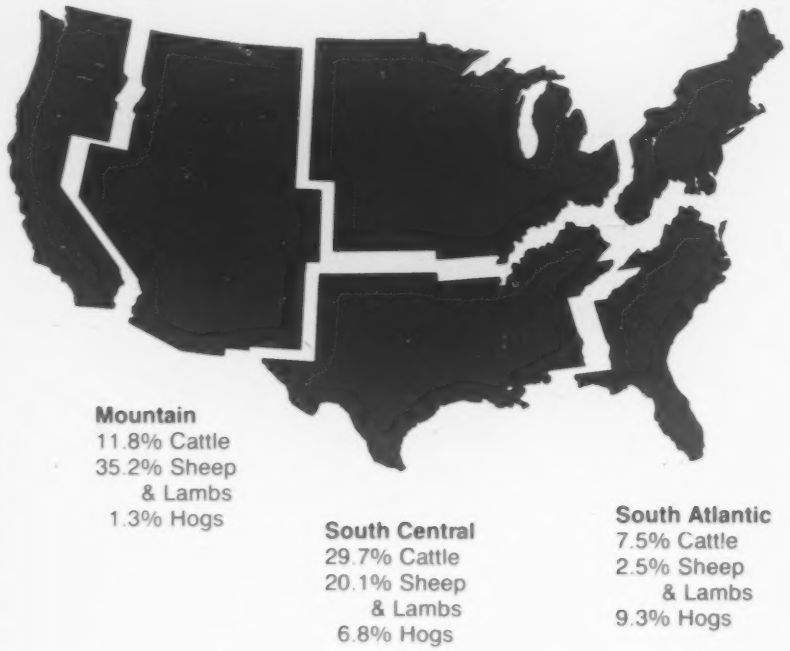
Source: U.S. Departments of Agriculture and Commerce

[1]Beginning in 1962 figures are for Dec. 1 of previous year

**Estimated*

Cattle and Calves, Sheep and Lambs on Farms January 1, 1990, and Hogs December 1, 1989, by State

STATE	CATTLE & CALVES	SHEEP & LAMBS	ALL HOGS
		1,000 Head	
PACIFIC			
Washington	1,330	83	56
Oregon	1,400	455	90
California	4,900	955	140
Alaska	8	2	1
Hawaii	205	N.A.	39
MOUNTAIN			
Montana	2,350	663	220
Idaho	1,660	296	72
Wyoming	1,220	840	16
Colorado	2,900	840	230
New Mexico	1,380	495	25
Arizona	830	262	100
Utah	800	509	27
Nevada	570	101	14
NORTH CENTRAL			
Ohio	1,680	270	2,080
Indiana	1,300	90	4,350
Illinois	1,950	159	5,700
Michigan	1,225	121	1,260
Wisconsin	4,170	105	1,250
Minnesota	2,650	285	4,450
Iowa	4,700	490	13,500
Missouri	4,500	138	2,700
South Dakota	3,380	590	1,720
North Dakota	1,750	186	280
Nebraska	5,800	177	4,200
Kansas	5,700	287	1,450
SOUTH CENTRAL			
Kentucky	2,420	35	975
Tennessee	2,325	12	700
Alabama	1,780	N.A.	300
Mississippi	1,390	N.A.	180
Arkansas	1,750	N.A.	710
Louisiana	1,100	17	55
Oklahoma	5,300	129	230
Texas	13,400	2,090	500
NORTH ATLANTIC			
New England[1]	613	90	69
New York	1,540	92	124
New Jersey	70	14	30
Pennsylvania	1,890	134	975
SOUTH ATLANTIC			
Delaware	31	N.A.	32
Maryland	315	32	180
Virginia	1,700	165	450
West Virginia	490	77	32
North Carolina	900	15	2,570
South Carolina	590	N.A.	430
Georgia	1,450	N.A.	1,200
Florida	1,925	N.A.	140
TOTAL U.S.	**99,337**	**11,368**	**53,852**



Source: U.S. Department of Agriculture

[1]Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut

N.A.—Not Available

Number of Operations with Livestock, by State and Species, 1989

	NUMBER OF OPERATIONS			
	Cattle	Milk Cows	Hogs	Sheep
STATE				
NORTH ATLANTIC				
New England[1]	12,760	5,560	4,880	3,350
New York	23,000	13,500	3,400	2,200
New Jersey	1,900	450	750	700
Pennsylvania	40,000	16,500	8,500	4,000
NORTH CENTRAL				
Ohio	42,000	9,200	14,200	7,300
Indiana	37,000	5,300	15,000	3,800
Illinois	34,000	4,100	16,600	5,400
Michigan	22,000	7,000	7,000	2,600
Wisconsin	57,000	34,000	9,700	2,800
Minnesota	43,000	16,500	16,300	5,000
Iowa	52,000	7,800	37,000	10,000
Missouri	83,000	8,500	16,000	3,500
South Dakota	23,000	3,900	8,000	4,100
North Dakota	16,300	2,500	2,600	1,900
Nebraska	31,000	3,500	13,000	3,100
Kansas	41,000	2,400	6,800	2,600
SOUTH ATLANTIC				
Delaware	680	180	400	N.A.
Maryland	7,900	2,000	1,500	1,200
Virginia	36,000	3,500	5,500	2,800
West Virginia	18,500	2,000	2,500	2,000
North Carolina	33,000	2,500	12,500	500
South Carolina	16,000	1,400	10,000	N.A.
Georgia	32,000	1,800	9,000	N.A.
Florida	21,000	1,200	5,000	N.A.
SOUTH CENTRAL				
Kentucky	59,000	7,000	11,000	1,200
Tennessee	66,000	5,000	13,000	600
Alabama	37,000	1,300	7,200	N.A.
Mississippi	29,000	1,700	7,000	N.A.
Arkansas	34,000	2,000	3,000	N.A.
Louisiana	22,000	2,500	3,700	1,300
Oklahoma	62,000	3,600	6,200	2,800
Texas	142,000	6,000	12,000	8,200
MOUNTAIN				
Montana	15,200	2,000	1,900	2,700
Idaho	16,000	2,600	2,000	2,000
Wyoming	5,900	700	400	1,500
Colorado	15,000	1,700	2,600	2,200
New Mexico	9,000	1,200	1,000	1,200
Arizona	4,600	500	440	450
Utah	8,300	1,500	900	2,100
Nevada	1,700	300	140	300
PACIFIC				
Washington	21,000	3,000	3,000	2,200
Oregon	23,000	2,200	2,600	5,100
California	31,000	4,700	4,900	6,300
Alaska	160	40	40	40
Hawaii	900	80	550	N.A.
TOTAL U.S.	**1,326,800**	**204,910**	**309,700**	**111,040**

Source: U.S. Department of Agriculture *N.A. = Not Available, but included in total.*

[1]*Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut*

Livestock Prices Received by Farmers, U.S. Averages for All Grades

	BEEF CATTLE	CALVES	HOGS	LAMBS
		Dollars Per 100 Pounds		
1925	$ 6.53	$ 8.59	$10.90	$12.40
1930	7.71	9.68	8.84	7.76
1935	6.04	7.16	8.65	7.28
1940	7.56	8.83	5.39	8.10
1945	12.10	13.00	14.00	13.10
1950	23.30	26.30	18.00	25.10
1951	28.70	32.00	20.00	31.00
1952	24.30	25.80	17.80	24.30
1953	16.30	16.70	21.40	19.30
1954	16.00	16.50	21.60	19.10
1955	15.60	16.70	15.00	18.40
1956	14.90	16.00	14.40	18.50
1957	17.20	18.70	17.80	19.90
1958	21.90	25.20	19.60	21.00
1959	22.60	26.70	14.10	18.70
1960	20.40	22.90	15.30	17.90
1961	20.20	23.70	16.60	15.80
1962	21.30	25.10	16.30	17.80
1963	19.90	24.00	14.90	18.10
1964	18.00	23.00	14.80	19.90
1965	19.90	22.10	20.60	22.80
1966	22.20	26.00	22.80	23.40
1967	22.30	26.30	18.90	22.10
1968	23.40	27.60	18.50	24.40
1969	26.20	31.50	22.20	27.20
1970	27.10	34.50	22.70	26.40
1971	29.00	36.40	17.50	25.90
1972	33.50	44.70	25.10	29.10
1973	42.80	56.60	38.40	35.10
1974	35.60	35.20	34.20	37.00
1975	32.30	27.20	46.10	42.10
1976	33.70	34.20	43.30	46.90
1977	34.40	36.90	39.40	51.30
1978	48.50	59.10	46.60	62.70
1979	66.00	88.80	41.80	66.70
1980	62.40	76.80	38.00	63.60
1981	58.60	64.00	43.90	54.90
1982	56.70	59.80	52.30	53.10
1983	55.50	61.70	46.80	53.90
1984	57.30	59.90	47.10	60.10
1985	53.70	62.10	44.00	67.70
1986	52.60	61.10	49.30	69.00
1987	61.10	78.50	51.20	77.60
1988	66.60	89.20	42.30	69.10
1989	69.50	90.80	42.50	66.10

Source: U.S. Department of Agriculture

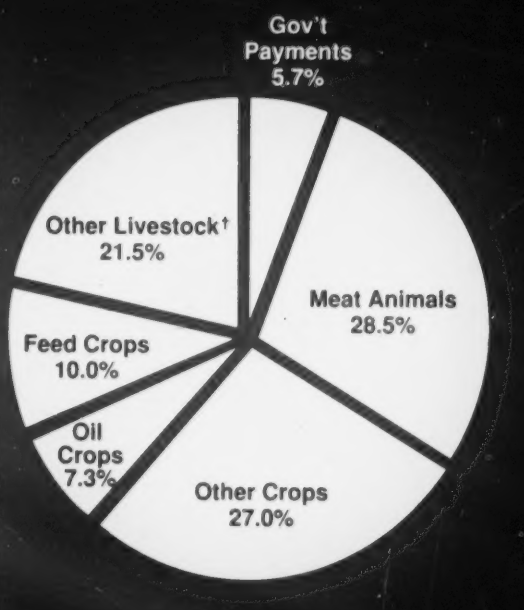
Average Prices Received for Livestock, by State, 1989

STATE	STEERS & HEIFERS	CALVES	BARROWS & GILTS	LAMBS
	Dollars Per 100 Pounds			
Alabama	$73.20	$85.90	$41.30	N.A.
Alaska	70.00	74.00	64.50	N.A.
Arizona	72.90	86.70	44.90	71.50
Arkansas	79.30	90.10	41.10	65.00
California	73.70	83.20	46.50	69.30
Colorado	75.30	93.20	45.10	63.40
Connecticut	60.00	74.00	40.00	95.00
Delaware	70.10	79.10	42.90	N.A.
Florida	74.80	94.80	40.00	N.A.
Georgia	72.00	83.40	43.10	N.A.
Hawaii	50.90	65.00	78.00	N.A.
Idaho	69.70	87.80	41.60	61.50
Illinois	72.60	121.00	43.60	63.00
Indiana	68.20	78.80	42.80	55.70
Iowa	73.40	90.60	43.80	63.70
Kansas	75.50	91.30	42.70	65.50
Kentucky	75.80	85.30	43.10	61.00
Louisiana	74.50	90.50	36.00	68.00
Maine	60.00	74.00	40.00	86.00
Maryland	70.10	79.10	42.90	67.70
Massachusetts	59.00	74.00	40.00	96.00
Michigan	66.90	93.70	42.90	62.00
Minnesota	70.60	91.10	44.00	66.30
Mississippi	75.00	88.30	43.50	N.A.
Missouri	79.50	88.60	43.10	62.90
Montana	80.30	88.40	39.20	65.80
Nebraska	74.80	92.80	43.90	65.40
Nevada	70.50	86.70	36.80	59.50
New Hampshire	60.00	74.00	40.00	90.00
New Jersey	62.30	99.10	43.00	68.20
New Mexico	72.80	90.20	42.70	66.90
New York	57.00	98.40	40.90	72.00
North Carolina	65.50	82.10	42.70	58.00
North Dakota	79.90	91.00	40.50	65.30
Ohio	71.30	87.00	42.90	62.60
Oklahoma	78.50	89.70	43.40	65.30
Oregon	74.30	85.60	44.60	64.80
Pennsylvania	68.70	98.60	44.90	68.10
Rhode Island	60.00	74.00	40.00	N.A.
South Carolina	71.80	90.80	42.70	N.A.
South Dakota	75.80	96.40	43.50	67.30
Tennessee	73.40	85.00	42.30	64.00
Texas	74.40	89.00	41.60	71.10
Utah	72.30	89.40	42.10	60.50
Vermont	60.00	75.00	40.00	83.00
Virginia	74.40	81.40	41.70	64.00
Washington	71.30	82.30	43.20	65.00
West Virginia	71.60	80.50	41.00	61.00
Wisconsin	67.10	129.00	42.20	63.70
Wyoming	81.00	94.00	42.30	65.90
U.S.	**74.30**	**90.80**	**43.30**	**66.10**

Source: U.S. Department of Agriculture
N.A.—Not Available

Cash Receipts from Farm Marketings of Meat Animals, by State, 1989

RANK	STATE	CATTLE AND CALVES	HOGS	SHEEP AND LAMBS	TOTAL
		Millions of Dollars			
1	Nebraska	$ 4,633.8	$ 723.2	$ 11.1	$ 5,368.1
2	Texas	5,049.8	94.3	77.2	5,221.3
3	Iowa	2,027.0	2,421.0	22.6	4,470.6
4	Kansas	3,752.5	268.0	11.9	4,032.4
5	Colorado	2,232.6	39.5	43.5	2,315.6
6	Minnesota	1,063.1	810.4	17.6	1,891.1
7	Oklahoma	1,843.6	40.4	5.0	1,889.0
8	South Dakota	1,455.6	335.2	37.3	1,828.1
9	Illinois	791.4	984.1	7.8	1,783,3
10	California	1,504.8	17.4	55.9	1,578.1
11	Missouri	927.4	474.6	4.8	1,406.8
12	Indiana	302.6	700.4	4.0	1,007.0
13	Wisconsin	761.5	207.1	5.2	973.8
14	Montana	769.6	34.2	20.8	824.6
15	Kentucky	633.2	186.1	2.0	821.3
16	Ohio	394.3	383.5	8.6	786.4
17	New Mexico	749.5	3.5	13.4	766.4
18	Idaho	661.1	9.2	14.9	685.2
19	North Carolina	148.4	508.8	.3	657.5
20	Wyoming	601.0	4.0	32.5	637.5
21	Tennessee	433.4	159.4	.4	593.2
22	Arkansas	485.7	106.2	N.A.	591.9
23	Pennsylvania	410.6	141.3	4.8	556.7
24	Alabama	471.1	45.0	N.A.	516.1
25	Washington	478.3	7.9	3.6	489.8
26	North Dakota	443.1	36.4	7.2	486.7
27	Arizona	450.8	19.9	10.7	481.4
28	Virginia	414.9	60.2	6.1	481.2
29	Michigan	269.3	197.9	4.9	472.1
30	Georgia	281.1	187.1	N.A.	468.2
31	Florida	376.7	19.0	N.A.	395.7
32	Oregon	344.2	17.4	22.1	388.7
33	Utah	287.1	3.9	19.1	310.1
34	Mississippi	258.6	33.0	N.A.	291.6
35	South Carolina	149.6	68.6	N.A.	218.2
36	Louisiana	200.3	8.1	.3	208.7
37	New York	183.5	16.9	2.4	202.8
38	West Virginia	115.9	5.9	2.8	124.6
39	Nevada	97.4	1.9	2.9	102.2
40	Maryland	76.2	23.3	1.3	100.8
41	Vermont	42.1	.8	1.2	44.1
42	Hawaii	31.5	7.9	N.A.	39.4
43	New Jersey	16.7	1.5	1.2	19.4
44	Maine	15.8	1.5	.2	17.5
45	Connecticut	14.4	.5	.5	15.4
46	Massachusetts	8.9	2.6	.6	12.1
47	New Hampshire	11.0	.6	.4	12.0
48	Delaware	2.5	6.3	N.A.	8.8
49	Rhode Island	1.1	.4	N.A.	1.5
50	Alaska	1.3	*	*	1.3
	Total U.S.	**$36,675.9**	**$9,426.3**	**$491.1**	**$46,593.3**



Cash Receipts from Farming, 1989

†Includes dairy products, poultry and eggs

Source: U.S. Department of Agriculture

**Less than 50,000*

Totals may not add due to rounding

N.A. = Not Available, but included in total

Livestock Marketings, by State, 1989

STATE	ALL CATTLE	CALVES	HOGS & PIGS	SHEEP & LAMBS
		1,000 Head		
Alabama	511	328	493	*
Alaska	2	0	*	N.A.
Arizona	605	92	222	189
Arkansas	682	260	1,167	N.A.
California	1,982	255	224	716
Colorado	2,595	112	387	608
Connecticut	18	20	6	6
Delaware	4	2	73	N.A.
Florida	267	780	276	N.A.
Georgia	371	340	1,931	N.A.
Hawaii	63	5	56	N.A.
Idaho	832	114	111	248
Illinois	926	162	9,158	132
Indiana	434	148	7,036	79
Iowa	2,605	80	22,539	317
Kansas	4,557	1	2,586	167
Kentucky	844	542	1,853	28
Louisiana	150	340	108	2
Maine	23	29	16	9
Maryland	89	67	281	22
Massachusetts	14	18	35	8
Michigan	346	56	2,014	74
Minnesota	1,325	152	8,095	247
Mississippi	303	335	333	N.A.
Missouri	979	915	4,786	81
Montana	1,183	298	395	385
Nebraska	5,473	65	7,048	184
Nevada	113	77	28	51
New Hampshire	18	10	8	7
New Jersey	15	24	42	22
New Mexico	1,200	250	40	265
New York	219	487	207	51
North Carolina	189	163	5,204	6
North Dakota	351	530	473	126
Ohio	520	168	3,744	147
Oklahoma	2,800	247	422	95
Oregon	442	183	170	328
Pennsylvania	500	325	1,395	79
Rhode Island	1	2	5	N.A.
South Carolina	208	58	716	N.A.
South Dakota	1,531	430	3,051	508
Tennessee	629	370	1,756	9
Texas	7,030	220	860	976
Utah	316	115	42	371
Vermont	54	100	9	18
Virginia	525	140	641	102
Washington	590	55	84	54
West Virginia	166	95	52	61
Wisconsin	840	760	2,095	75
Wyoming	920	197	37	641
U.S.	**46,360**	**10,522**	**92,311**	**7,531**

Source: U.S. Department of Agriculture

* *Less than 500*

N.A. = Not Available, but included in total

Totals may not add due to rounding

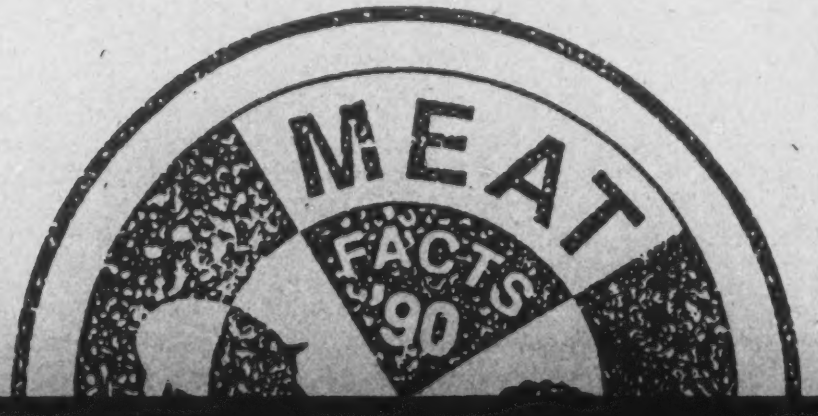
Number of Feedlots and Cattle Marketed, by Feedlot Capacity, 1989

	Under 1,000	1,000 to 8,000	8,000 to 16,000	16,000 to 32,000	32,000 & Over	Total
	Number of Feedlots					
Arizona	7	*	*	5	3	15
California	9	17	11	10	8	55
Colorado	130	132	14	10	9	295
Iowa	16,250	250	*	*	*	16,500
Kansas	1,626	183	49	29	13	1,900
Nebraska	8,320	407	51	17	5	8,800
Texas	639	51	42	35	33	800
7 Major States	26,981	1,040	167	106	59	28,365
% of Total	95.1	3.7	.6	.4	.2	100.0
13 States[1]	45,224	1,268	193	119	79	46,883
% of Total	96.5	2.7	.4	.3	.2	100.0
	Cattle Marketed, Thousand Head					
Arizona	15	*	*	113	214	342
California	4	66	110	217	533	930
Colorado	35	535	215	430	1,100	2,315
Iowa	1,215	560	*	*	*	1,775
Kansas	55	450	1,068	1,293	1,379	4,245
Nebraska	1,240	1,590	1,130	700	410	5,070
Texas	40	220	675	1,350	2,460	4,745
7 Major States	2,604	3,421	3,198	4,103	6,096	19,422
% of Total	13.4	17.6	16.5	21.1	31.4	100.0
13 States[1]	3,760	4,027	3,503	4,712	6,953	22,955
% of Total	16.4	17.5	15.3	20.5	30.3	100.0

Source: U.S. Department of Agriculture

**Numbers included with other size groups to avoid disclosing individual operations*

[1]*Principal cattle feeding states include 7 major states and ID, IL, MN, OK, SD and WA*



Composition of Commercial Cattle Slaughter, 1960–89

Year	Steers & Heifers		Cows	Bulls & Stags	Total	Steers & Heifers		Cows	Bulls & Stags
	Fed	Nonfed				Fed	Nonfed		
	Thousand Head					Percent			
1960	13,496	5,602	5,773	353	25,224	53.5%	22.2%	22.9%	1.4%
1961	14,545	5,585	5,179	326	25,635	56.7	21.8	20.2	1.3
1962	15,365	4,981	5,453	284	26,083	58.9	19.1	20.9	1.1
1963	16,844	4,914	5,229	245	27,232	61.9	18.0	19.2	.9
1964	18,261	5,681	6,524	352	30,818	59.3	18.4	21.2	1.1
1965	18,851	4,920	8,074	502	32,347	58.2	15.2	25.0	1.6
1966	20,551	5,101	7,556	519	33,737	60.9	15.1	22.4	1.5
1967	21,847	4,796	6,757	469	33,869	64.5	14.2	20.0	1.4
1968	23,668	3,972	6,843	543	35,026	67.6	11.3	19.5	1.6
1969	24,911	2,824	6,920	582	35,237	70.7	8.0	19.6	1.6
1970	25,725	2,606	6,116	578	35,025	73.5	7.4	17.5	1.6
1971	26,127	2,450	6,375	633	35,585	73.4	6.9	17.9	1.8
1972	27,728	1,414	5,992	645	35,779	77.5	4.0	16.7	1.8
1973	26,083	680	6,248	676	33,687	77.5	2.0	18.5	2.0
1974	23,994	4,484	7,514	820	36,812	65.2	12.2	20.4	2.2
1975	21,260	6,997	11,557	1,097	40,911	52.0	17.1	28.2	2.7
1976	25,125	5,912	10,619	998	42,654	58.9	13.9	24.9	2.3
1977	25,969	5,120	9,864	903	41,856	62.0	12.2	23.6	2.2
1978	27,850	2,434	8,470	798	39,552	70.4	6.2	21.4	2.0
1979	25,566	1,553	5,930	629	33,678	75.9	4.6	17.6	1.9
1980	24,004	2,745	6,334	724	33,807	71.0	8.1	18.7	2.2
1981	23,818	3,717	6,643	775	34,953	68.2	10.6	19.0	2.2
1982	24,902	2,769	7,354	818	35,843	69.5	7.7	20.5	2.3
1983	25,752	2,492	7,597	808	36,649	70.3	6.8	20.7	2.2
1984	25,758	2,415	8,622	787	37,582	68.5	6.4	22.9	2.1
1985	26,181	1,964	7,390	758	36,293	72.1	5.4	20.4	2.1
1986	26,235	2,378	7,961	714	37,288	70.4	6.4	21.4	1.9
1987	26,429	1,919	6,610	689	35,647	74.1	5.4	18.5	1.9
1988	26,799	1,299	6,337	644	35,079	76.4	3.7	18.1	1.8
1989	26,209	734	6,316	658	33,917	77.3	2.2	18.6	1.9

Source: U.S. Department of Agriculture

Livestock Slaughter and Meat Production, 1925–1989

	SLAUGHTER (Thousand Head)				MEAT PRODUCTION (Million Pounds)				
	Cattle	Calves	Sheep & Lambs	Hogs	Beef	Veal	Lamb & Mutton	Pork	Total
1925	14,704	9,936	15,430	65,508	6,878	989	603	8,128	16,598
1930	12,056	7,761	21,125	67,272	5,917	792	825	8,482	16,016
1935	14,805	9,632	22,000	46,011	6,608	1,023	877	5,919	14,427
1940	14,958	9,089	21,571	77,610	7,175	981	876	10,044	19,076
1945	21,694	13,657	24,639	71,891	10,276	1,664	1,054	10,697	23,691
1950	18,614	10,501	13,244	79,263	9,534	1,230	597	10,714	22,075
1955	26,587	12,864	16,553	81,051	13,569	1,578	758	10,990	26,895
1960	26,029	8,615	16,240	84,150	14,753	1,109	768	11,607	28,237
1961	26,471	8,080	17,537	81,970	15,327	1,044	832	11,408	28,611
1962	26,911	7,857	17,168	83,424	15,324	1,015	808	11,827	28,974
1963	28,070	7,204	16,147	87,117	16,456	929	770	12,427	30,582
1964	31,678	7,632	14,895	86,284	18,456	1,013	715	12,513	32,697
1965	33,171	7,788	13,300	76,458	18,727	1,020	651	11,141	31,539
1966	34,173	6,863	13,004	75,382	19,726	910	650	11,339	32,625
1967	34,297	6,110	13,035	83,420	20,219	792	646	12,581	34,238
1968	35,418	5,616	12,120	86,417	20,880	734	602	13,064	35,280
1969	35,573	5,011	10,923	84,968	21,148	637	550	12,955	35,326
1970	35,356	4,203	10,801	87,052	21,652	588	551	13,426	36,217
1971	35,905	3,825	10,965	95,648	21,868	546	555	14,783	37,752
1972	36,134	3,201	10,525	85,865	22,381	458	543	13,617	36,999
1973	34,102	2,404	9,799	77,890	21,277	357	514	12,751	34,899
1974	37,353	3,175	9,064	83,083	23,138	486	465	13,805	37,894
1975	41,464	5,406	8,047	69,880	23,976	873	410	11,503	36,762
1976	43,199	5,527	6,911	74,959	25,969	853	371	12,415	39,608
1977	42,381	5,692	6,555	78,442	25,279	834	351	13,247	39,711
1978	39,970	4,302	5,543	78,417	24,242	632	309	13,393	38,576
1979	34,005	2,927	5,189	90,179	21,446	434	293	15,450	37,623
1980	34,116	2,679	5,742	97,174	21,644	400	318	16,615	38,977
1981	35,265	2,886	6,197	92,475	22,389	436	338	15,875	39,038
1982	36,158	3,106	6,643	82,844	22,536	448	365	14,229	37,578
1983	36,974	3,162	6,792	88,084	23,241	454	376	15,202	39,272
1984	37,892	3,367	6,900	85,641	23,596	495	380	14,812	39,283
1985	36,593	3,455	6,300	84,938	23,728	514	357	14,805	39,404
1986	37,568	3,478	5,762	79,956	24,371	524	337	14,063	39,296
1987	35,890	2,902	5,312	81,422	23,566	429	316	14,374	38,682
1988	35,324	2,565	5,392	88,136	23,590	395	335	15,684	40,004
1989	34,106	2,223	5,559	89,006	23,088	355	348	15,811	39,602

Source: U.S. Department of Agriculture

U.S. Livestock Slaughter and Meat Production, 1988–89

LIVESTOCK SLAUGHTER

SPECIES AND CLASS OF SLAUGHTER	1988 NUMBER OF HEAD Thousands	1988 % of Total	1988 AVERAGE LIVE WT.	1989 NUMBER OF HEAD Thousands	1989 % of Total	1989 AVERAGE LIVE WT.
CATTLE						
Federally Inspected	34,048	96.4%	1,124	33,010	96.8%	1,138
Other Commercial	1,031	2.9	1,002	907	2.7	1,006
Farm	245	.7	N.A.	189	.5	N.A.
Total	35,324	100.0	N.A.	34,106	100.0	N.A.
CALVES						
Federally Inspected	2,411	94.0	251	2,100	94 5	259
Other Commercial	95	3.7	441	73	3.3	420
Farm	59	2.3	N.A.	50	2.2	N.A.
Total	2,565	100.0	N.A.	2,223	100.0	N.A.
HOGS						
Federally Inspected	85,517	97.0	249	85,328	97.0	249
Other Commercial	2,278	2.6	232	2,364	2.7	230
Farm	341	.4	N.A.	314	.3	N.A.
Total	88,136	100.0	N.A.	89,006	100.0	N.A.
SHEEP AND LAMBS						
Federally Inspected	5,122	95.0	124	5,295	95.3	125
Other Commercial	171	3.2	103	170	3.1	102
Farm	99	1.8	N.A.	94	1.7	N.A.
Total	5,392	100.0	N.A.	5,559	100.0	N.A.

MEAT PRODUCTION

KIND OF MEAT AND CLASS OF SLAUGHTER	1988 DRESSED WEIGHT Mil. Lbs.	1988 % of Total	1988 AVERAGE DRESS WT.	1989 DRESSED WEIGHT Mil. Lbs.	1989 % of Total	1989 AVERAGE DRESS WT.
BEEF						
Federally Inspected	22,837	96.8%	673	22,456	97.3%	683
Other Commercial	588	2.5	600	519	2.2	570
Farm	165	.7	602	113	.5	595
Total	23,590	100.0	671	23,088	100.0	680
VEAL						
Federally Inspected	362	91.6	153	326	91.8	158
Other Commercial	24	6.1	269	18	5.1	247
Farm	9	2.3	215	11	3.1	215
Total	395	100.0	157	355	100.0	162
PORK						
Federally Inspected	15,250	97.2	179	15,375	97.2	179
Other Commercial	373	2.4	167	382	2.4	162
Farm	61	.4	181	54	.3	171
Total	15,684	100.0	179	15,811	100.0	178
LAMB AND MUTTON						
Federally Inspected	320	95.5	63	334	96.0	63
Other Commercial	9	2.7	52	8	2.3	47
Farm	6	1.8	53	6	1.7	58
Total	335	100.0	63	348	100.0	62

Source: U.S. Department of Agriculture

Totals may not add due to rounding

N.A. – Not Available

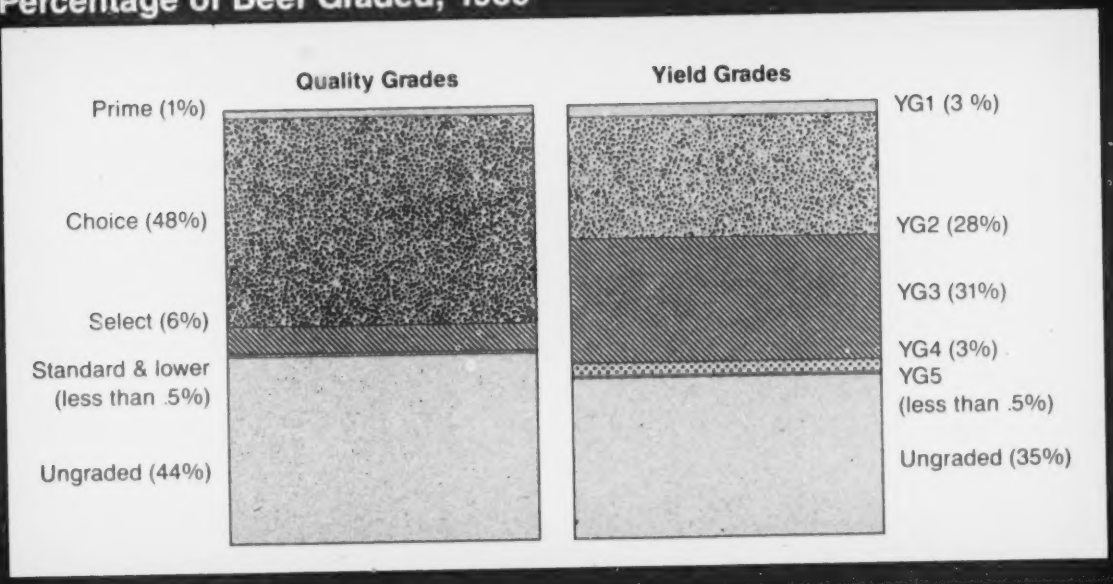
Beef Quality and Yield Graded, 1979–81 and 1983–89

	1979	1980	1981*	1983*	1984	1985	1986	1987	1988	1989
	Million Pounds									
QUALITY GRADED										
Prime	730	722	624	472	363	456	400	383	380	335
Choice	10,671	10,800	10,954	11,152	10,829	11,875	12,053	11,463	11,598	11,106
Good/Select	490	516	431	423	430	386	344	266	579	1,434
Standard	19	26	16	13	12	11	6	3	2	1
Commercial	18	19	19	13	8	8	3	2	1	1
Utility	52	50	67	48	43	35	20	15	10	11
Cutter and Canner	5	4	7	1	1	4	1	1	1	5
Total	**11,985**	**12,137**	**12,118**	**12,121**	**11,686**	**12,774**	**12,827**	**12,132**	**12,571**	**12,894**
YIELD GRADED										
Grade #1	214	200	229	275	406	461	507	448	456	787
Grade #2	3,470	3,502	3,671	4,221	4,923	5,195	5,360	5,048	5,052	6,403
Grade #3	7,044	7,088	6,928	6,672	5,767	6,387	6,286	5,989	6,275	7,097
Grade #4	1,115	1,179	1,140	856	550	667	621	593	717	644
Grade #5	142	170	149	97	40	63	53	53	71	60
Total	**11,985**	**12,137**	**12,118**	**12,121**	**11,686**	**12,774**	**12,827**	**12,132**	**12,571**	**14,992**
Total Commercial Beef Production	**21,261**	**21,470**	**22,214**	**23,058**	**23,416**	**23,557**	**24,213**	**23,405**	**23,425**	**22,975**

Source: U.S. Department of Agriculture

**1982 Not Available; 1983 estimated by U.S.D.A.*

Percentage of Beef Graded, 1989



MEAT FACTS '90

Federally Inspected Calf Slaughter by Class, 1986–89

YEAR	BOB VEAL 150 LBS. & BELOW	FED FORMULA 160–400 LBS	FED NON-FORMULA 150–400 LBS.	OTHER OVER 400 LBS.	TOTAL
		Thousand Head			
1986	1,619	1,009	286	281	3,195
1987	1,208	1,003	171	298	2,680
1988	1,066	1,003	156	185	2,411
1989	884	918	110	190	2,100

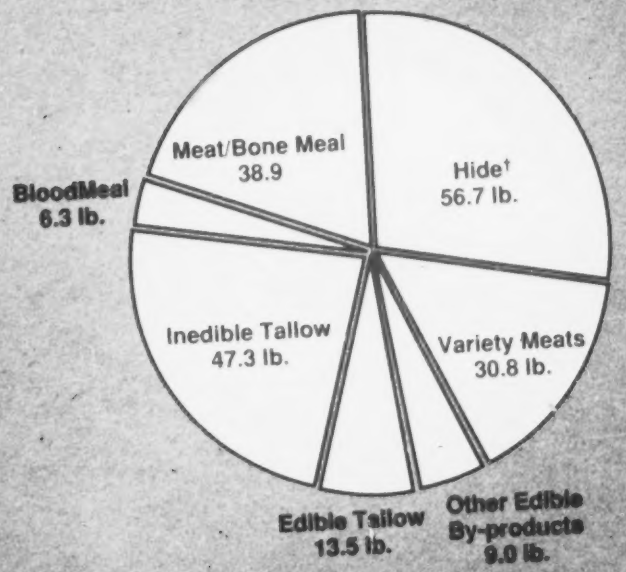
Source: U.S. Department of Agriculture
Totals may not add due to rounding

U.S. Production of Edible By-Products, Edible and Inedible Tallow, 1970-89

	EDIBLE BY-PRODUCTS	EDIBLE TALLOW*	INEDIBLE TALLOW*
	Million Pounds		
1970	2,529	558	4,877
1971	2,627	542	4,968
1972	2,545	545	4,834
1973	2,376	475	5,237
1974	2,586	576	5,527
1975	2,510	514	4,655
1976	2,700	536	5,675
1977	2,688	769	6,106
1978	2,605	835	5,816
1979	2,533	904	5,836
1980	2,622	1,043	5,916
1981	2,627	1,130	5,868
1982	2,530	1,110	6,014
1983	2,643	1,260	6,128
1984	2,646	1,380	5,925
1985	2,655	1,611	5,827
1986	2,648	1,523	5,541
1987	2,604	1,258	5,602
1988	2,691	1,296	6,158
1989	2,649	1,167	5,848

Source: U.S. Departments of Agriculture and Commerce
**Includes tallow recovered in further processing and rendering as well as in packing plants.*

Cattle By-Products*



Source: Derived from U.S. Department of Agriculture data.
*Based on 1,050 lb. steer
†Brine cured, trimmed and fleshed

Number of Livestock Slaughtering Plants, January 1, 1989 and 1990, by State

STATE	JANUARY 1, 1989			JANUARY 1, 1990		
	Federally Inspected Plants	Other Plants	Total	Federally Inspected Plants	Other Plants	Total
NORTH ATLANTIC						
New England[1]	43	53	96	43	42	85
New York	74	9	83	72	9	81
New Jersey	20	7	27	17	7	24
Pennsylvania	214	62	276	202	65	267
NORTH CENTRAL						
Ohio	29	212	241	25	195	220
Indiana	18	115	133	20	115	135
Illinois	29	183	212	30	170	200
Michigan	68	35	103	59	35	94
Wisconsin	16	150	166	18	160	178
Minnesota	45	176	221	44	169	213
Iowa	29	241	270	29	247	276
Missouri	99	135	234	89	135	224
South Dakota	9	99	108	10	104	114
North Dakota	22	47	69	16	42	58
Nebraska	54	141	195	49	140	189
Kansas	16	161	167	17	150	167
SOUTH ATLANTIC						
Delaware/Maryland	11	40	51	11	37	48
Virginia	25	67	92	25	57	82
West Virginia	2	50	52	3	49	52
North Carolina	23	91	114	23	77	100
South Carolina	7	43	50	9	42	51
Georgia	27	102	129	24	100	124
Florida	8	82	90	5	83	88
SOUTH CENTRAL						
Kentucky	43	58	101	38	54	92
Tennessee	56	61	117	42	61	103
Alabama	9	150	159	7	145	152
Mississippi	9	73	82	10	72	82
Arkansas	49	34	83	46	31	77
Louisiana	4	116	120	2	111	113
Oklahoma	18	115	133	17	102	119
Texas	61	210	271	60	205	265
MOUNTAIN						
Montana	24	15	39	23	47	23
Idaho	25	9	34	21	8	21
Wyoming	2	31	33	2	28	30
Colorado	36	17	53	32	26	58
New Mexico	7	26	33	9	26	35
Arizona	6	23	29	5	20	25
Utah	14	22	36	14	21	35
Nevada	7	0	7	5	7	12
PACIFIC						
Washington	26	4	30	21	4	25
Oregon	32	15	47	29	12	41
California	44	41	85	41	59	100
Hawaii	4	14	18	4	12	16
TOTAL U.S.	**1,364**	**3,325**	**4,689**	**1,268**	**3,281**	**4,549**

Source: U.S. Department of Agriculture

[1]*Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut*

Slaughter and Number of Plants, by Species and State, 1989

STATE	CATTLE		CALVES		HOGS		SHEEP & LAMBS	
	Commercial Slaughter Ths. Head	No. of F.I. Plants*	Commercial Slaughter Ths. Head*	No. of F.I. Plants*	Commercial Slaughter Ths. Head*	No. of F.I. Plants*	Commercial Slaughter Ths. Head	No. of F.I. Plants*
Alabama†	270.6	—	—	—	203.7	8	—	—
Arizona†	364.5	—	—	—	15.9	4	1.1	—
Arkansas	41.1	46	.5	—	234.0	49	.7	33
California	1,158.4	43	112.4	21	2,158.7	—	669.8	—
Colorado	2,182.5	33	—	—	35.3	28	1,685.0	29
Delaware-Maryland†	46.3	—	32.3	—	220.1	—	19.9	—
Florida†	171.6	—	102.2	5	86.1	—	1.3	—
Georgia†	193.7	—	15.4	—	1,478.4	—	1.4	8
Hawaii†	63.0	4	—	—	42.1	—	1.5	—
Idaho	701.5	24	.5	8	99.9	—	4.1	18
Illinois†	1,239.2	—	138.8	6	8,555.0	22	220.4	—
Indiana†	124.6	12	173.4	5	3,817.7	14	15.8	—
Iowa†	1,862.5	12	—	—	25,586.3	21	529.2	—
Kansas†	6,219.3	13	—	—	1,981.3	—	418.9	—
Kentucky	114.4	33	.4	—	2,394.9	—	12.0	21
Louisiana†	41.3	—	44.7	—	69.9	—	6.2	—
Michigan	402.5	—	63.2	—	4,874.7	52	239.1	—
Minnesota	1,004.4	41	2.1	—	5,193.6	39	335.7	—
Mississippi†	127.7	—	18.8	—	1,844.9	—	—	—
Missouri	353.0	98	4.1	—	3,641.8	90	15.8	—
Montana†	16.2	23	—	—	27.4	23	2.5	22
Nebraska	5,813.4	50	—	—	5,164.2	35	1.5	29
Nevada	1.8	7	3.6	—	2.0	6	2.0	—
New England[1]	60.0	40	96.5	41	48.8	38	32.3	40
New Jersey	55.1	—	60.8	15	78.2	—	54.2	15
New Mexico†	120.5	8	—	—	6.5	—	100.5	—
New York	101.3	77	394.2	63	64.6	65	105.9	69
North Carolina†	127.9	—	2.5	—	2,978.9	—	1.0	8
North Dakota	193.5	—	—	—	77.8	—	1.2	19
Ohio†	295.2	17	112.0	8	3,039.0	17	23.2	10
Oklahoma†	81.8	—	4.0	—	144.9	14	2.0	—
Oregon	62.1	30	10.7	16	177.1	26	8.5	26
Pennsylvania	992.9	201	258.5	139	1,981.9	—	103.6	168
South Carolina†	108.4	—	6.2	—	666.8	—	—	—
South Dakota†	614.7	9	—	—	3,710.7	9	81.8	—
Tennessee	99.7	—	8.0	—	1,997.8	49	.7	17
Texas†	5,858.8	53	122.1	15	867.0	38	556	—
Utah†	490.7	—	1.5	—	271.1	—	30.7	—
Virginia†	69.1	—	1.8	10	4,460.4	20	11.5	—
Washington	843.2	—	55.9	16	18.4	—	153.8	—
West Virginia†	16.6	—	—	—	22.3	—	.7	—
Wisconsin†	1,206.0	13	317.0	9	344.1	10	10.9	—
Wyoming†	6.2	—	—	—	7.3	—	2.0	—
Total U.S.	**33,917.2**	**1,203**	**2,172.3**	**583**	**88,691.5**	**1,114**	**5,464.8**	**869**

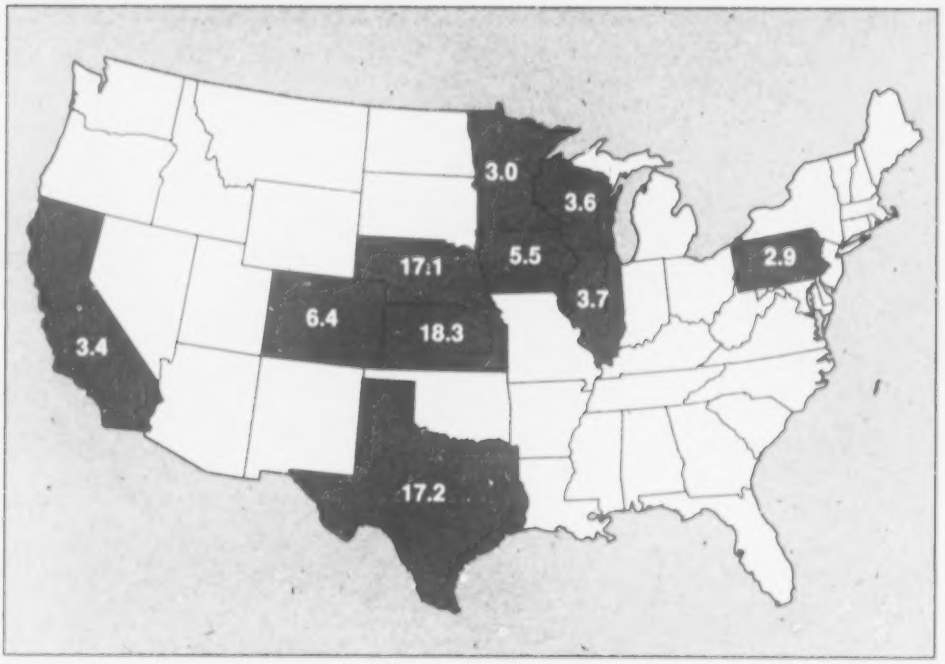
Source: U.S. Department of Agriculture

**Numbers in column will not add to total because of states left blank to avoid disclosing individual operations*

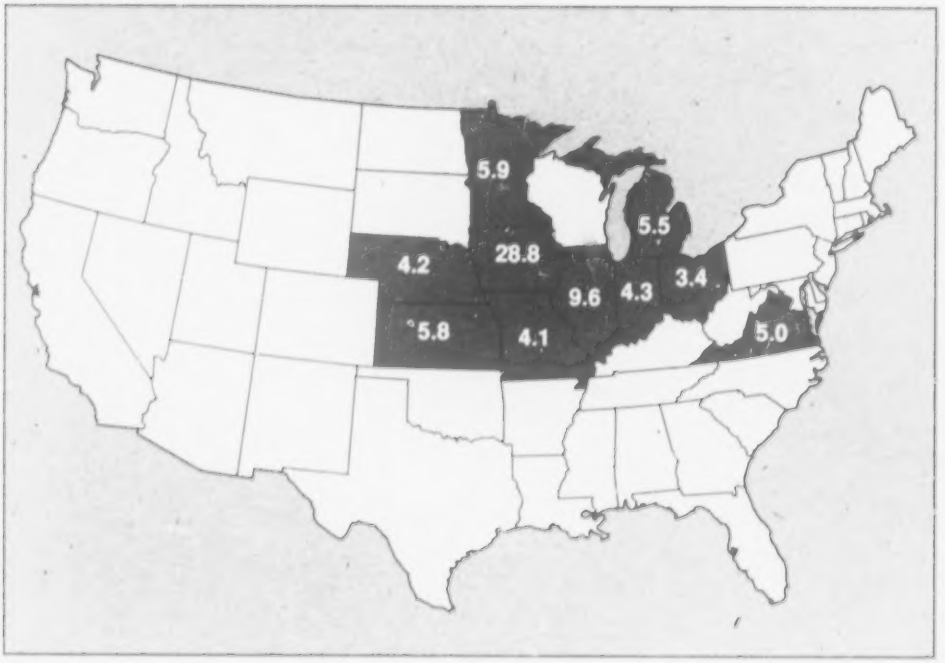
†Operating under State Inspection Programs

[1]Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont

Top 10 Cattle Slaughtering States, by Percentage of Commercial Cattle Slaughter, 1989



Top 10 Hog Slaughtering States, by Percentage of Commercial Hog Slaughter, 1989



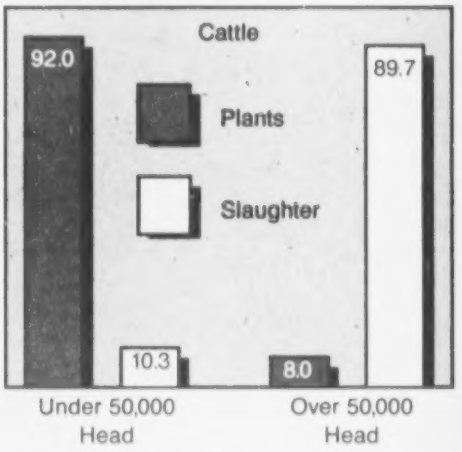
Federally Inspected Slaughter Plants, by Species and by Size, 1989

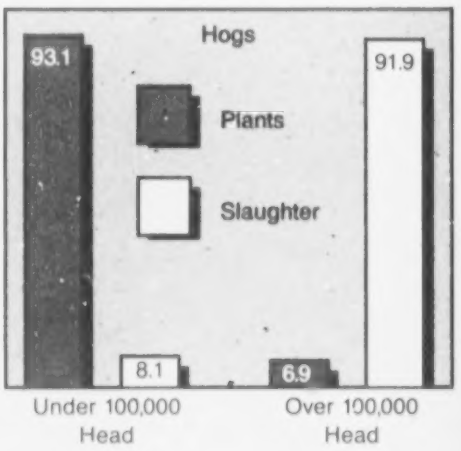
SIZE GROUPS	PLANTS		SLAUGHTER	
	Number	Percent of Total	Thous. Head	Percent of Total*
CATTLE				
Under 1,000	862	71.7%	225	.7%
1,000–9,999	170	14.1	580	1.7
10,000–49,999	75	6.2	1,801	5.3
50,000–499,999	76	6.3	12,505	36.9
500,000 and over	20	1.7	17,899	52.8
Total	**1,203**	**100.0**		
CALVES				
Under 100	414	73.5	6	.3
100–9,999	103	18.3	204	9.4
10,000 and over	46	8.2	1,890	87.0
Total	**563**	**100.0**		
HOGS				
Under 1,000	739	66.3	216	.2
1,000–9,999	208	18.7	585	.7
10,000–99,999	90	8.1	2,984	3.4
100,000–999,999	44	3.9	16,778	18.9
1,000,000–1,499,000	9	.8	12,221	13.8
1,500,000 and over	24	2.2	53,536	59.2
Total	**1,114**	**100.0**		
SHEEP AND LAMBS				
Under 100	604	69.5	16	.3
100–999	185	21.3	59	1.1
1,000–9,999	54	6.2	170	3.1
10,000 and over	26	3.0	5,050	92.4
Total	**869**	**100.0**		

Source: U.S. Department of Agriculture

**Percent of U.S. commercial slaughter*
Totals may not add due to rounding

Percent of F.I. Plants and Slaughter by Size of Plant





Large Plants—Number and Slaughter, 1980–89

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
CATTLE—50,000 or more										
Number of Plants	149	129	134	135	136	118	114	113	106	96
Percent of all F.I. Plants	10.6%	8.3%	8.9%	8.9%	9.1%	8.1%	8.3%	8.6%	8.5%	8.0%
Slaughter, ths. head	27,030	27,572	28,697	29,981	31,305	30,532	31,815	30,826	31,320	30,404
Percent of Commercial Slaughter	80.0%	78.9%	80.0%	81.8%	83.3%	84.1%	85.3%	90.7%	89.3%	89.7%
HOGS—100,000 or more										
Number of Plants	115	110	101	104	99	72	79	87	67	77
Percent of all F.I. Plants	9.3%	7.9%	7.5%	7.8%	7.4%	5.5%	6.3%	7.4%	5.8%	6.9%
Slaughter, ths. head	87,889	83,095	74,449	80,351	77,676	74,612	72,444	74,135	81,510	82,535
Percent of Commercial Slaughter	91.5%	90.7%	90.7%	91.8%	91.2%	88.3%	91.0%	94.9%	92.8%	91.9%

Source: U.S. Department of Agriculture

Livestock Slaughter Shares by Company Size[1], 1975–89

Size Group	Steers & Heifers[2]	Cows & Bulls[2]	All Cattle	Calves	Hogs	Sheep & Lambs
	Percent of Commercial Slaughter					
4 Largest Companies						
1975%	25.3%	10.5%	19.3%	24.6%	33.1%	57.5%
1976	25.1	11.3	19.6	25.3	32.3	53.6
1977	26.9	9.6	20.2	25.0	32.6	52.8
1978	29.6	10.0	22.9	28.2	34.4	56.4
1979	34.5	9.7	27.9	30.5	33.7	64.2
1980	35.7	9.7	28.4	31.0	33.6	55.9
1981	39.6	9.6	31.4	28.6	33.3	52.5
1982	41.4	9.0	32.0	27.8	35.8	43.6
1983	46.6	10.3	36.0	28.2	29.1	43.8
1984	49.5	11.0	37.2	28.8	35.0	48.9
1985	50.3	17.2	39.0	31.1	32.2	51.2
1986	55.1	18.4	42.3	26.5	32.5	54.3
1987	67.1	20.0	53.9	30.4	36.6	75.1
1988	69.7	18.4	56.6	32.6	33.5	76.5
1989[3]	69.5	N.A.	N.A.	N.A.	34.2	69.6
8 Largest Companies						
1975	37.6	17.8	29.3	37.1	49.8	76.0
1976	36.2	18.7	28.6	37.2	48.5	75.4
1977	39.5	16.0	30.5	36.9	50.9	74.0
1978	41.2	17.6	32.5	41.9	52.8	77.5
1979	47.8	17.5	39.1	45.8	50.9	84.5
1980	51.4	18.4	41.3	44.9	50.9	82.8
1981	53.8	18.4	43.1	41.6	49.0	79.5
1982	56.1	17.1	43.6	41.8	53.2	73.6
1983	57.7	19.1	44.5	42.4	46.0	73.8
1984	60.5	19.4	45.5	42.5	53.1	76.0
1985	63.8	27.0	49.6	42.6	50.8	79.4
1986	68.2	28.9	52.9	38.0	53.6	80.6
1987	75.9	30.5	62.7	42.2	55.3	87.6
1988	79.7	30.1	65.9	45.4	52.2	87.1
1989	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
12 Largest Companies						
1975	45.0	23.2	35.6	44.7	58.2	86.2
1976	42.5	23.9	34.3	45.6	56.4	86.7
1977	47.0	21.1	36.3	45.6	59.4	83.8
1978	48.3	23.7	38.1	48.8	60.6	86.1
1979	54.3	24.5	44.4	54.1	58.5	91.4
1980	58.0	25.3	46.5	52.6	59.9	91.0
1981	61.7	26.2	49.5	48.9	57.1	84.8
1982	63.2	25.0	49.6	49.2	63.5	82.5
1983	63.9	26.2	50.1	49.5	55.9	84.6
1984	67.6	26.2	53.2	49.8	66.8	87.5
1985	70.4	34.5	56.4	50.1	66.2	90.6
1986	74.2	35.9	59.5	46.0	69.0	86.9
1987	79.6	38.4	67.6	51.3	68.4	90.4
1988	83.7	38.4	70.4	54.9	64.2	89.4
1989	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Source: U.S. Department of Agriculture

[1]Slaughter operations are combined on the basis of ownership and/or control.

[2]Commercial slaughter estimated from federally inspected slaughter.

Top 25 Meat Companies (Ranked by 1989 Sales)

1. **Con Agra, Inc.**
   Omaha, NE
2. **IBP, Inc.**
   Dakota City, NE
3. **Excel Corporation**
   Wichita, KS
4. **Sara Lee Corporation**
   Memphis, TN
5. **Geo. A. Hormel & Co.**
   Austin, MN
6. **Oscar Mayer Foods Corp.**
   Madison, WI
7. **International Multifoods**
   Minneapolis, MN
8. **John Morrell & Co.**
   Cincinnati, OH
9. **BeefAmerica, Inc.**
   Omaha, NE
10. **Swift-Eckrich, Inc.**
    Oakbrook, IL
11. **Idle Wild Foods, Inc.**
    Worcester, MA
12. **Smithfield Foods, Inc.**
    Smithfield, VA
13. **FDL Foods, Inc.**
    Dubuque, IA
14. **Farmstead Foods**
    Albert Lea, MN
15. **American Foods Group**
    Green Bay, WI
16. **Packerland Packing Co., Inc.**
    Green Bay, WI
17. **Thorn Apple Valley, Inc.**
    Southfield, MI
18. **Farmland Foods, Inc.**
    Kansas City, MO
19. **Doskocil Cos., Inc.**
    Hutchinson, KS
20. **Moyer Packing Co.**
    Souderton, PA
21. **Hyplains Dressed Beef, Inc.**
    Dodge City, KS
22. **Cornland Beef Industries**
    Lexington, NE
23. **Clougherty Packing Co.**
    Los Angeles, CA
24. **Tama Meat Packing, Inc.**
    Tama, IA
25. **Fresh Mark, Inc.**
    Massillon, OH

Source: Meat & Poultry magazine

Employment and Earnings for Meat Packing and Meat Processing Industries Compared with All Food and All Manufacturing

ITEM	UNIT	1965	1975	1985	1987	1988	1989
MEAT PACKING							
Total Employees	Thousand	193.3	168.2	140.3	135.7	142.2	144.6
Production Workers	Thousand	149.1	135.7	116.5	113.6	119.1	121.1
Avg. Weekly Earnings	Dollars	$126.18	$234.74	$332.91	$350.70	$352.35	$357.28
Avg. Weekly Hours	Hours	42.4	41.4	41.1	41.7	41.6	41.4
Avg. Hourly Earnings	Dollars	$2.99	$5.67	$8.10	$8.41	$8.47	$8.63
MEAT PROCESSING							
Total Employees	Thousand	52.0	67.2	74.5	79.5	80.3	83.2
Production Workers	Thousand	37.2	47.3	54.6	58.6	59.0	61.3
Avg. Weekly Earnings	Dollars	$114.54	$217.62	$353.10	$357.54	$368.42	$376.79
Avg. Weekly Hours	Hours	41.2	40.6	40.4	40.4	40.8	41.0
Avg. Hourly Earnings	Dollars	$2.78	$5.36	$8.74	$8.85	$9.03	$9.19
ALL FOOD							
Total Employees	Thousand	1,756.7	1,657.5	1,602.5	1,623.9	1,645.3	1,665.2
Production Workers	Thousand	1,159.1	1,120.3	1,118.1	1,149.1	1,166.3	1,192.1
Avg. Weekly Earnings	Dollars	$99.87	$185.78	$342.80	$359.39	$368.04	$379.73
Avg. Weekly Hours	Hours	41.1	40.3	40.0	40.2	40.4	40.7
Avg. Hourly Earnings	Dollars	$2.43	$4.61	$8.57	$8.94	$9.11	$9.33
ALL MANUFACTURING							
Total Employees	Thousand	18,062.0	18,323.0	19,260.0	19,065.0	19,539.0	19,612.0
Production Workers	Thousand	13,434.0	13,043.0	13,092.0	12,995.0	13,338.0	13,375.0
Avg. Weekly Earnings	Dollars	$107.53	$190.79	$386.37	$406.31	$418.40	$429.27
Avg. Weekly Hours	Hours	41.2	39.5	40.5	41.0	41.1	41.0
Avg. Hourly Earnings	Dollars	$2.61	$4.83	$9.54	$9.91	$10.18	$10.47

Source: U.S. Department of Labor

Injury and Illness Incidence Rates in Meat Packing, 1980-88

	PER 100 EMPLOYEES								
ITEM	1980	1981	1982	1983	1984	1985	1986	1987	1988
Injuries & Illnesses	33.5	32.8	30.7	31.4	33.4	30.4	33.4	38.4	39.2
Injuries	31.0	29.7	27.7	27.4	29.0	26.3	27.0	30.4	30.1
Illnesses	2.5	3.1	3.0	4.0	4.4	4.1	6.4	8.0	9.1

Source: U.S. Department of Labor, Bureau of Labor Statistics

Incidence Rates and Lost Workdays in Meat Packing, 1984-88

	PER 100 EMPLOYEES				
ITEM	1984	1985	1986	1987	1988
	TOTAL INJURIES AND ILLNESSES				
Total Reportable Cases	33.4	30.4	33.4	38.4	39.2
Lost Workday Cases	16.3	15.1	14.7	17.8	19.2
Non-Lost Workday Cases	17.2	15.2	18.7	20.7	20.0
Lost Workdays	232.3	246.1	238.4	339.7	357.0
	INJURIES				
Total Reportable Cases	29.0	26.3	27.0	30.4	30.1
Lost Workday Cases	13.9	13.0	12.2	13.6	14.3
Non-Lost Workday Cases	15.0	13.3	14.8	16.8	15.8
Lost Workdays	190.2	200.3	190.3	241.9	238.3
	ILLNESSES				
Total Reportable Cases	4.4	4.1	6.4	8.0	9.1
Lost Workday Cases	2.3	2.1	2.5	4.1	4.9
Non-Lost Workday Cases	2.2	1.9	3.9	3.9	4.2
Lost Workdays	42.1	45.8	48.1	97.8	118.7

Source: U.S. Department of Labor, Bureau of Labor Statistics

Steer Carcass Breakdown

	Retail Beef (Lbs)	Other Products (Lbs)	Carcass Total (Lbs)
ROUND (155.8 lbs)			
Top round	34.6		
Bottom round	31.2		
Tip	16.8		
Rump	7.8		
Stewing, ground beef, etc.	33.4		
Fat, bone		32.0	
Total	123.8	32.0	155.8
LOIN (115.7 lbs)			
Porterhouse steak	19.6		
T-bone steak	9.8		
Strip steak	15.0		
Sirloin steak	15.3		
Tenderloin steak	6.8		
Stewing, ground beef, etc.	22.7		
Fat, bone		26.5	
Total	89.2	26.5	115.7
RIB (65.7 lbs)			
Rib roast	23.0		
Rib steak	9.2		
Short ribs	8.6		
Stewing, ground beef, etc.	16.5		
Fat, bone		8.4	
Total	57.3	8.4	65.7
CHUCK (209.5 lbs)			
Blade roasts & steaks	33.9		
Arm pot roasts & steaks	35.5		
Cross rib pot roast	25.4		
Stewing, ground beef, etc	83.3		
Fat, bone		31.4	
Total	178.1	31.4	209.5
THIN CUTS (135.4 lbs)			
Flank steak	3.6		
Pastrami squares	2.9		
Outside skirt	2.2		
Inside skirt	2.5		
Boneless brisket	16.0		
Stewing, ground beef, etc.	87.3		
Fat bone		20.1	
Total	114.5	20.1	134.6
MISCELLANEOUS (32.8 lbs)			
Kidney, hanging tender	4.9		
Breaking fat		27.8	
Total	4.9	27.8	32.7
TOTAL	**567.8**	**146.2**	**714.0**

Hog Carcass Breakdown

	Retail Pork* (Lbs)	Other Products (Lbs)	Carcass Total (Lbs)
HAM (40.6 lbs)			
Cured ham	23.1		
Fresh ham	1.7		
Trimmings	5.1		
Skin, fat, bone		10.7	
Total	29.9	10.7	40.6
LOIN (32.1 lbs)			
Blade roast	7.4		
Center chops	16.0		
Sirloin roast	7.0		
Fat		1.7	
Total	30.4	1.7	32.1
SIDE (37.3 lbs)			
Cured bacon	19.0		
Spareribs	6.8		
Trimmings	9.6		
Fat		1.9	
Total	35.4	1.9	37.3
SHOULDER			
Boston Butt (12.2 lbs)			
Blade steaks	2.1		
Blade roast	1.3		
Cured butts	8.0		
Trimmings	.8		
Total	12.2		12.2
Picnic (16.4 lbs)			
Arm roast	3.3		
Cured picnics	4.9		
Trimmings	4.8		
Skin, fat, bone		3.4	
Total	13.0	3.4	16.4
MISCELLANEOUS (33.4 lbs)			
Jowls, feet, tail, neckbones, etc.	9.0		
Trimmings	9.3		
Fat, skin, bone		12.1	
Shrink and loss		3.0	
Total	18.3	15.1	33.4
TOTAL	**139.2**	**32.8**	**172.0**

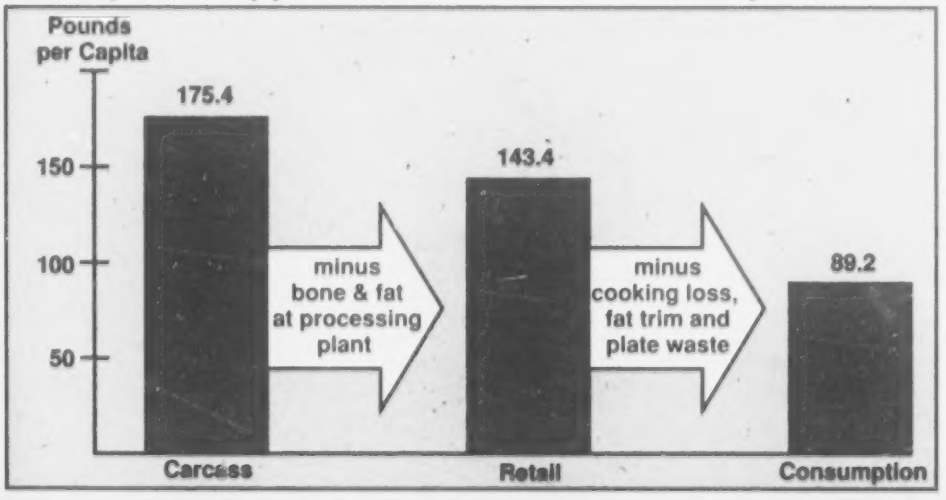
Retail cuts on semi-boneless basis. Fully boneless would show lower retail weight.

Per Capita Disappearance of Red Meat, Carcass & Retail Weight Basis, 1960–89

	BEEF		VEAL		PORK		LAMB & MUTTON		TOTAL RED MEAT	
	Carcass	Retail	Carcass	Retail	Carcass	Retail	Carcass	Retail	Carcass	Retail
1960	85.7	63.4	6.2	5.0	78.3	61.3	4.7	4.2	174.9	133.9
1961	88.5	65.5	5.8	4.6	75.0	58.6	5.0	4.5	174.3	133.2
1962	89.5	66.2	5.6	4.5	75.7	59.8	5.1	4.5	175.8	135.1
1963	94.9	70.2	5.0	4.0	77.0	61.6	4.8	4.3	181.7	140.1
1964	101.1	74.8	5.4	4.3	76.9	61.6	4.2	3.7	187.5	144.4
1965	101.0	74.7	5.4	4.3	68.1	55.5	3.7	3.3	178.2	137.9
1966	105.8	78.3	4.7	3.8	66.6	55.0	4.0	3.5	181.1	140.6
1967	108.1	80.0	4.1	3.2	72.8	60.5	3.9	3.4	188.8	147.2
1968	111.0	82.2	3.8	3.0	74.3	62.2	3.7	3.3	192.9	150.7
1969	111.8	82.7	3.4	2.7	72.0	61.2	3.5	3.1	190.6	149.7
1970	114.4	84.6	3.0	2.4	73.1	62.4	3.3	2.9	193.8	152.3
1971	113.5	84.0	2.7	2.2	79.2	68.5	3.2	2.8	198.5	157.5
1972	115.8	85.7	2.3	1.9	71.3	62.9	3.3	2.9	192.8	153.5
1973	109.0	80.7	1.8	1.5	63.8	57.4	2.7	2.4	177.3	141.9
1974	115.7	85.6	2.4	1.9	68.7	61.8	2.3	2.0	189.1	151.4
1975	119.2	88.2	4.2	3.3	55.9	51.1	2.0	1.8	181.2	144.4
1976	127.7	94.5	4.0	3.2	59.1	54.1	1.8	1.6	192.6	153.4
1977	123.8	91.6	3.9	3.1	60.9	56.2	1.7	1.5	190.3	152.4
1978	118.1	87.4	2.9	2.4	60.8	56.4	1.6	1.4	183.4	147.6
1979	105.6	78.1	2.0	1.6	69.4	64.3	1.5	1.3	178.5	145.4
1980	103.4	76.6	1.8	1.5	74.0	68.7	1.5	1.4	180.8	148.1
1981	104.3	77.2	2.0	1.6	70.5	65.5	1.6	1.4	178.4	145.7
1982	104.0	76.9	2.0	1.6	63.2	59.1	1.7	1.5	170.8	139.1
1983	105.9	78.4	2.0	1.6	66.3	62.4	1.7	1.5	175.9	143.8
1984	105.7	78.2	2.2	1.7	65.9	61.9	1.7	1.5	175.4	143.4
1985	106.7	78.9	2.2	1.8	66.3	62.4	1.6	1.4	176.8	144.5
1986	107.6	78.5	2.3	1.8	62.7	59.0	1.6	1.4	174.1	140.7
1987	103.5	73.5	1.8	1.5	63.0	59.7	1.5	1.3	169.9	136.0
1988	102.5	72.3	1.7	1.4	67.2	63.5	1.6	1.4	173.0	138.6
1989	97.7	68.9	1.4	1.2	66.6	63.2	1.6	1.5	167.4	134.7

Source: U.S. Department of Agriculture

Per Capita Disappearance and Actual Consumption of Red Meat



Source: "Contribution of Red Meat to the U.S. Diet," National Live Stock and Meat Board

Note: Figures are for 1984

Per Capita Disappearance of Poultry, Retail Weight Basis, 1960–89

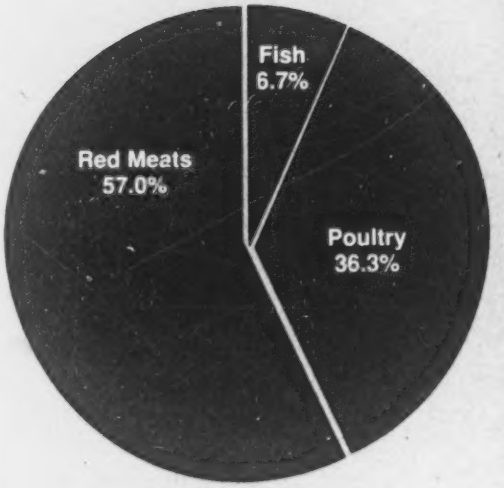
YEAR	BROILERS	OTHER CHICKEN	TOTAL CHICKEN	TURKEY	TOTAL POULTRY
			Pounds		
1960	23.5	4.4	27.9	6.3	34.1
1961	26.0	4.0	30.0	7.4	37.5
1962	25.9	4.1	30.0	7.1	37.1
1963	27.2	3.7	30.9	6.9	37.8
1964	27.8	3.6	31.4	7.4	38.8
1965	29.8	3.8	33.6	7.5	41.2
1966	32.2	3.6	35.8	7.9	43.7
1967	32.6	4.1	36.7	8.7	45.3
1968	32.9	4.0	36.9	8.1	44.9
1969	35.0	3.6	38.5	8.4	46.9
1970	36.9	3.6	40.6	8.1	48.7
1971	36.8	3.8	40.6	8.4	49.0
1972	38.4	3.6	42.0	9.0	51.0
1973	37.4	3.3	40.7	8.5	44.2
1974	37.4	3.5	41.0	8.8	49.8
1975	37.1	3.4	40.4	8.5	48.9
1976	40.2	2.8	43.1	9.1	52.2
1977	41.4	3.1	44.4	9.1	53.5
1978	44.1	3.0	47.0	9.2	56.2
1979	48.0	3.0	51.0	9.9	60.9
1980	47.4	3.1	50.5	10.5	61.0
1981	48.9	3.1	52.0	10.8	62.8
1982	50.2	3.1	53.3	10.8	64.1
1983	51.0	3.1	54.1	11.3	65.3
1984	53.2	2.6	55.8	11.4	67.2
1985	55.7	2.5	58.2	12.1	70.3
1986	56.9	2.5	59.4	13.3	72.7
1987	60.8	2.5	63.3	15.2	78.5
1988	62.5	2.6	65.2	15.9	81.1
1989	66.6	2.1	68.7	17.1	85.8

Source: U.S. Department of Agriculture

Per Capita Disappearance of Red Meat, Poultry & Fish, Retail Weight Basis, 1960–89

	TOTAL RED MEAT	POULTRY	FISH	TOTAL RED MEAT, POULTRY AND FISH
		Pounds		
1960	133.9	34.1	10.3	178.3
1961	133.2	37.5	10.7	181.4
1962	135.1	37.1	10.6	182.8
1963	140.1	37.8	10.7	188.6
1964	144.4	38.8	10.5	193.7
1965	137.9	41.2	10.8	189.9
1966	140.6	43.7	10.9	195.2
1967	147.2	45.3	10.6	203.1
1968	150.7	44.9	11.0	206.6
1969	149.7	46.9	11.2	207.8
1970	152.3	48.7	11.8	212.8
1971	157.5	49.0	11.5	218.0
1972	153.5	51.0	12.5	217.0
1973	141.9	49.2	12.8	203.9
1974	151.4	49.8	12.1	213.3
1975	144.4	48.9	12.2	205.5
1976	153.4	52.2	12.9	218.5
1977	152.4	53.5	12.7	218.6
1978	147.6	56.2	13.4	217.2
1979	145.4	60.9	13.0	219.3
1980	148.1	61.0	12.8	221.9
1981	145.7	62.8	12.9	221.4
1982	139.1	64.1	12.3	215.5
1983	143.8	65.3	13.1	222.2
1984	143.4	67.2	13.7	224.3
1985	144.5	70.3	14.4	229.2
1986	140.7	72.7	14.7	228.1
1987	136.0	78.5	15.4	229.9
1988	138.6	81.1	15.2	234.9
1989	134.7	85.8	15.9	236.4

Source: U.S. Department of Agriculture



Meat Consumption Shares, 1989

Hamburger and Beef: Consumption and Prices, 1970–89

	PER CAPITA CONSUMPTION				PRICES	
	HAMBURGER	PROCESSED BEEF[1]	BEEF CUTS	TOTAL BEEF	HAMBURGER[2]	CHOICE BEEF
	Pounds Retail				Dollars Per Pound	
1970	21.9	10.8	51.9	84.6	$ .66	$1.00
1971	22.1	10.4	51.5	84.0	.68	1.06
1972	22.4	10.0	53.3	85.7	.74	1.17
1973	21.9	9.4	49.4	80.7	.96	1.40
1974	24.7	10.1	50.8	85.6	.97	1.44
1975	30.1	11.7	46.4	88.2	.88	1.52
1976	30.5	11.3	52.7	94.5	.88	1.46
1977	28.4	10.0	53.2	91.6	.85	1.46
1978	27.2	9.1	51.1	87.4	.99	1.79
1979	23.6	7.4	47.1	78.1	1.32	2.22
1980	24.7	7.4	44.5	76.6	1.36	2.34
1981	25.2	7.1	44.9	77.2	1.33	2.35
1982	26.4	7.0	43.5	76.9	1.32	2.38
1983	26.5	6.6	45.3	78.4	1.29	2.34
1984	27.5	6.4	44.3	78.2	1.28	2.36
1985	27.2	6.0	45.7	78.9	1.24	2.29
1986	29.3	6.0	43.2	78.5	1.23	2.27
1987	29.0	5.5	39.0	73.5	1.31	2.38
1988	28.7	5.1	38.5	72.3	1.36	2.50
1989	28.2	5.0	35.7	68.9	1.44	2.66

Source: Consumption data derived by AMI from government data; price data from U.S. Department of Labor, Bureau of Labor Statistics

[1]Includes beef sausage, bologna, and luncheon meats but excludes cured briskets and cooked beef

[2]1978–83 estimated based on Consumer Price Index for ground beef

Livestock and Wholesale Meat Prices, 1981–89

LIVESTOCK PRICES

Dollars Per Hundred Pounds, Live

ITEM	1981	1982	1983	1984	1985	1986	1987	1988	1989
Choice Steers, 1000–1100 lbs. at Omaha	$63.84	$64.22	$62.52	$65.34	$58.37	$57.74	$64.60	$69.58	72.52
Select Steers, 1000–1100 lbs. at Omaha	59.83	59.47	56.99	59.14	53.28	52.04	58.53	67.06	70.28
Cows, Canner & Cutter, at Omaha	39.61	36.50	36.35	35.88	35.88	34.25	40.91	44.52	45.23
Feeder Steers, 600–700 lbs. at Kansas City	66.24	64.82	63.70	65.29	64.56	62.79	75.36	83.67	86.13
Barrows & Gilts at 7 Markets	44.05	55.07	47.33	48.98	44.50	51.36	51.71	43.25	43.77
Sows at 7 Markets	40.27	49.59	40.68	43.29	39.41	45.58	44.08	33.38	36.53

Source: U.S. Department of Agriculture

WHOLESALE MEAT PRICES AT MIDWEST

Dollars Per Hundred Pounds, Carlot Basis

ITEM	1981	1982	1983	1984	1985	1986	1987	1988	1989
Choice Steer Beef Carcass, 600–700 lbs.	$ 99.84	$101.31	$ 97.83	$100.09	$ 90.76	$ 88.98	$ 97.24	$103.07	$107.90
Select Steer Beef Carcass, 600–700 lbs.	96.85	97.82	93.50	95.79	87.50	84.34	91.79	97.10	107.75
Boxed Beef Cutout, Choice, 550–700 lbs.	105.26	105.70	101.96	103.80	97.95	94.61	103.84	110.34	114.78
Boxed Beef Cutout, Select	N.A.	N.A.	N.A.	N.A.	N.A.	89.21	98.61	103.28	109.54
Cow Beef, Canner and Cutter	84.06	78.96	78.48	74.70	74.13	71.31	83.70	87.64	94.27
Domestic Boneless Beef, Fresh									
90% Chemical Lean	117.52	111.10	108.99	101.13	100.84	98.25	112.20	116.76	126.19
85% Chemical Lean	108.57	105.10	101.79	94.44	94.22	90.92	104.14	107.45	116.68
50% Chemical Lean	53.85	59.04	48.87	53.56	41.71	43.63	50.66	43.42	52.10
Fresh Pork Loins, 14–18 lbs.	95.39	109.71	97.29	96.36	91.51	104.78	106.23	97.48	100.74
Pork Bellies, 12–14 lbs.	52.29	76.54	61.72	60.19	59.50	65.82	63.11	41.25	33.91
Hams, Skinned, 17–20 lbs.	75.69	90.22	73.99	75.41	67.27	77.96	79.29	69.04	69.12

Source: U.S. Department of Agriculture and National Provisioner Daily Market & News Service.
N.A.—Not Available

U.S. Average Retail Meat Prices

ITEM	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Dollars Per Pound										
Beef (Choice Grade)	$2.34	$2.35	$2.38	$2.34	$2.36	$2.29	$2.27	$2.38	$2.50	$2.66
Sirloin Steak	2.95	2.99	3.06	3.06	3.08	2.96	2.96	3.13	3.29	3.58
Round Steak	2.77	2.86	2.95	2.90	2.91	2.77	2.77	2.89	2.99	3.12
Round Roast	2.61	2.63	2.64	2.55	2.58	2.47	2.44	2.53	2.63	2.76
Rib Roast	2.95	3.03	3.22	3.24	3.35	3.28	3.26	3.54	3.89	4.17
Chuck Roast	1.82	1.82	1.79	1.74	1.68	1.57	1.59	1.68	1.73	1.88
Ground Chuck	1.83	1.80	1.78	1.73	1.72	1.68	1.64	1.71	1.76	1.83
Fresh Pork	1.40	1.52	1.75	1.70	1.62	1.62	1.78	1.88	1.83	1.83
Pork Chops	1.95	2.13	2.39	2.37	2.38	2.34	2.59	2.82	2.77	2.85
Sliced Bacon	1.46	1.67	2.05	1.94	1.86	1.94	2.08	2.14	1.88	1.77
Smoked Picnic	.99	1.04	1.15	1.05	1.01	1.02	1.06	1.12	1.12	1.10
Canned Ham	2.32	2.46	2.65	2.67	2.56	2.56	2.68	2.80	2.73	2.67
Fresh Pork Sausage	1.41	1.61	1.88	1.87	1.71	1.74	1.91	1.99	1.97	2.00
Frankfurters	1.72	1.77	1.82	1.81	1.80	1.81	1.93	1.99	2.02	2.06
Bologna	2.01	2.11	2.21	2.18	2.13	2.11	2.17	2.19	2.24	2.28
Poultry										
Whole Broilers	.72	.74	.72	.73	.81	.76	.84	.78	.85	.93
Frozen Hen Turkeys	.89	.98	.93	.92	.99	1.05	1.07	1.01	.96	.99

Source: U.S. Department of Labor, Bureau of Labor Statistics

Consumer and Producer Price Indices, 1981–89

ITEM	1981	1982	1983	1984	1985	1986	1987	1988	1989
					(1982-84=100)				
CONSUMER PRICE INDICES									
All Items	90.9	96.5	99.6	103.9	107.6	109.6	113.6	118.3	124.0
All Foods	93.6	97.4	99.4	103.2	105.6	109.0	113.5	118.2	125.1
Food at Home	94.8	98.1	99.1	102.8	104.3	107.3	111.9	116.6	124.2
Food Away	90.9	95.8	100.0	104.2	108.3	112.5	117.0	121.8	127.4
All Meats	96.0	100.7	99.5	99.9	98.9	102.0	109.6	112.2	116.7
Beef and Veal	99.2	100.6	99.1	100.3	98.2	98.8	106.3	112.1	119.3
Pork	89.5	101.0	100.1	98.8	99.1	107.2	115.9	112.5	113.2
Other Meats	97.2	100.1	99.7	100.1	100.8	103.4	109.9	112.8	116.0
Poultry	97.5	95.8	97.0	107.3	106.2	114.2	112.6	120.7	132.7
Fish and Seafood	94.8	98.2	99.3	102.5	107.5	117.4	112.9	137.4	143.6
					(1982=100)				
PRODUCER PRICE INDICES									
Total Finished Goods	96.1	100.0	101.6	103.7	104.7	103.2	105.4	108.0	113.6
All Commodities	98.0	100.0	101.3	103.7	103.2	100.2	102.8	106.9	112.2
All Meats	95.4	100.0	94.3	94.5	90.9	93.9	100.4	99.9	104.8
Beef and Veal	100.7	100.0	96.4	96.7	90.3	88.1	95.5	101.4	108.9
Pork	86.9	100.0	90.6	90.2	89.1	99.9	104.9	95.0	97.7
Other Meats	94.2	100.0	94.3	94.4	94.0	97.4	103.9	101.5	103.7
Poultry	108.2	100.0	103.7	115.3	110.4	116.8	103.5	111.6	120.4
Fish and Seafood	89.4	100.0	105.4	112.7	114.6	124.9	140.0	148.7	142.9

Source: U.S. Department of Labor

Beef: Retail, Wholesale and Farm Values and Spreads, 1970-89

	Retail Price	Wholesale Value*	Farm Value*	FARM TO RETAIL SPREAD		
				Total	Wholesale to Retail	Farm to Wholesale
	Cents Per Pound					
1970	99.9	76.8	64.2	35.7	23.1	12.6
1971	106.2	85.2	70.7	35.5	21.0	14.5
1972	116.6	90.3	76.0	40.6	26.3	14.3
1973	139.7	110.8	94.7	45.0	28.9	16.1
1974	143.8	110.1	91.8	52.0	33.7	18.3
1975	152.2	119.2	99.4	52.8	33.0	19.8
1976	145.7	100.7	84.4	61.3	45.0	16.3
1977	145.8	103.2	86.0	59.8	42.6	17.2
1978	178.8	131.4	111.7	67.1	47.4	19.7
1979	222.4	165.7	141.7	80.7	56.7	24.0
1980	233.6	171.1	145.7	87.9	62.5	25.4
1981	234.7	164.4	139.1	95.6	70.3	25.3
1982	238.4	165.9	141.1	97.3	72.5	24.8
1983	234.1	160.1	136.8	97.3	74.0	23 3
1984	235.5	162.5	140.7	94.8	73.0	21.8
1985	228.6	148.8	127.4	101.2	79.8	21.4
1986	226.8	146.5	125.0	101.8	80.3	21.5
1987	238.4	160.0	138.7	99.7	78.4	21.3
1988	250.3	169.4	148.3	102.0	80.9	21.1
1989	265.7	176.8	157.6	108.1	88.9	19.2

Source: U.S. Department of Agriculture

**Value equivalent to one pound of beef at retail, less by-product value*

Pork: Retail, Wholesale and Farm Values and Spreads, 1970-89

				FARM TO RETAIL SPREAD		
	Retail Price	Wholesale Value*	Farm Value*	Total	Wholesale to Retail	Farm to Wholesale
	Cents Per Pound					
1970	77.4	63.4	39.3	38.1	14.0	24.1
1971	69.8	57.0	32.0	37.8	12.8	25.0
1972	82.7	71.3	46.2	36.5	11.4	25.1
1973	109.2	99.8	67.6	41.6	13.4	28.2
1974	107.8	85.5	57.2	50.5	22.3	28.3
1975	134.6	115.3	79.8	54.8	19.3	35.5
1976	134.0	105.2	71.0	63.0	28.8	34.2
1977	125.4	99.0	65.6	59.8	26.4	33.4
1978	143.6	107.7	76.6	67.0	35.9	31.1
1979	144.1	100.4	66.6	77.5	43.7	33.8
1980	139.4	98.0	63.2	76.2	41.4	34.8
1981	152.4	106.7	70.3	82.1	45.7	36.4
1982	175.4	121.8	88.0	87.4	53.6	33.8
1983	169.8	108.9	76.5	93.3	60.9	32.4
1984	162.0	110.1	77.4	84.6	51.9	32.7
1985	162.0	101.1	71.4	90.6	60.9	29.7
1986	178.4	110.9	82.4	96.0	67.5	28.5
1987	188.4	113.0	82.7	105.7	75.4	30.3
1988	183.4	101.0	69.4	114.0	82.4	31.6
1989	182.9	99.2	70.4	112.5	83.7	28.8

Source: U.S. Department of Agriculture

**Value equivalent to one pound of retail cuts, less by-product value*

Per Capita Income and Red Meat Expenditures, 1970–89

	Disposable Personal Income	Red Meat[1] Expenditures	Expenditures as Percent of Disposable Personal Income	Expenditures as Percent of Total Food Expenditures
1970	$ 3,489	$140.38	4.0%	24.5%
1971	3,740	144.67	3.9	24.2
1972	4,000	160.12	4.0	24.9
1973	4,481	183.30	4.1	25.8
1974	4,855	198.47	4.1	25.2
1975	5,291	214.31	4.1	24.6
1976	5,744	221.06	3.8	23.5
1977	6,262	214.63	3.4	21.3
1978	6,968	248.07	3.6	22.3
1979	7,682	277.11	3.6	22.5
1980	8,421	286.02	3.4	21.2
1981	9,243	292.91	3.2	20.4
1982	9,724	299.66	3.1	20.0
1983	10,340	302.08	2.9	19.2
1984	11,257	297.74	2.6	18.0
1985	11,861	294.67	2.5	17.3
1986	12,469	296.39	2.4	16.6
1987	13,140	299.51	2.3	16.0
1988	14,113	310.11	2.2	15.7
1989	15,186	311.16	2.0	15.0

Source: Derived from data provided by U.S. Departments of Agriculture and Commerce

[1]Beef, veal, pork and lamb. Expenditures for veal and lamb from 1981 onwards estimated by AMI

Consumer Expenditures for Food at Home and Away, and as a Percent of Disposable Personal Income, 1970–89

	Food Expenditures			Expenditures as Percent of Disposable Personal Income		
	At Home	Away From Home	Total	At Home	Away From Home	Total
	Million Dollars					
1970	$77,527	$39,583	$117,110	10.8%	5.5%	16.4%
1971	81,446	42,251	123,697	10.5	5.4	15.9
1972	87,933	46,587	134,520	10.5	5.5	16.0
1973	97,286	52,650	149,936	10.2	5.5	15.8
1974	110,252	58,045	168,297	10.6	5.6	16.2
1975	119,850	68,109	187,959	10.5	6.0	16.4
1976	127,835	76,833	204,668	10.2	6.1	16.3
1977	136,559	84,949	221,508	9.9	6.2	16.1
1978	150,355	96,181	246,536	9.7	6.2	15.9
1979	167,483	109,307	276,790	9.7	6.3	16.0
1980	185,638	120,530	306,168	9.7	6.3	16.0
1981	198,520	131,563	330,083	9.3	6.2	15.5
1982	206,184	140,725	346,909	9.1	6.2	15.3
1983	216,762	152,681	369,443	8.9	6.3	15.2
1984	227,641	164,053	391,694	8.5	6.1	14.7
1985	234,592	172,776	407,368	8.3	6.1	14.4
1986	242,366	187,411	429,777	8.0	6.2	14.3
1987	250,289	206,622	456,911	7.8	6.4	14.3
1988	263,332	222,192	485,524	7.6	6.4	14.0
1989	280,118	234,825	514,943	7.4	6.2	13.6

Source: U.S. Department of Agriculture

Consumer Expenditures for Meat, Poultry and Fish in Grocery Stores, 1988 & 1978

ITEM	1988	% OF FOOD & BEVERAGES	% OF TOTAL	1978	% OF FOOD & BEVERAGES	% OF TOTAL	% CHANGE 1978–1988
	($ Mil.)			($ Mil.)			
Fresh Meat	**$27,074**	**11.7%**	**8.7%**	**$18,367**	**14.6%**	**11.3%**	**+47%**
Beef	21,317	9.2	6.9	13,823	11.0	8.5	+54
Veal	576	.2	.2	693	.5	.4	−17
Lamb	1,092	.5	.4	670	.5	.4	+63
Pork	4,089	1.8	1.3	3,181	2.5	2.0	+29
Processed Meats	**13,310**	**5.8**	**4.3**	**11,809**	**9.4**	**7.3**	**+13**
Cured Hams & Picnics	2,030	.9	.7	2,029	1.6	1.2	sm. +
Packaged Bacon	2,055	.9	.7	2,056	1.6	1.3	sm. −
Frankfurters	1,674	.7	.5	1,234	1.0	.8	+36
Sausages	1,182	.5	.4	838	.7	.5	+41
Other Sausage Products	2,883	1.2	.9	2,145	1.7	1.3	+34
Cold Cuts	3,487	1.5	1.1	3,507	2.8	2.2	−1
Frozen Meat	**198**	**.1**	**.1**	**181**	**.1**	**.1**	**+1**
Canned Meat	**1,314**	**.6**	**.4**	**1,580**	**1.3**	**1.0**	**−17**
Total Above	**41,896**	**18.1**	**13.5**	**31,937**	**25.3**	**19.6**	**+31**
Poultry	**10,563**	**4.6**	**3.4**	**5,143**	**4.1**	**3.2**	**+105**
Fresh	8,263	3.6	2.7	3,921	3.1	2.4	+111
Frozen	2,154	.9	.7	1,152	.9	.7	+87
Canned	146	.1	*	70	.1	*	+109
Fish & Seafood	**6,161**	**2.7**	**2.0**	**2,984**	**2.4**	**1.8**	**+106**
Fresh	3,467	1.5	1.1	1,326	1.1	.8	+161
Frozen	717	.3	.2	415	.3	.3	+73
Canned	1,977	.9	.6	1,243	1.0	.8	+59
Total Meat, Poultry & Seafood	**58,620**	**25.3**	**18.9**	**40,064**	**31.8**	**24.6**	**+46**
Total Grocery Store Sales	**310,831**	—	**100.0**	**162,640**	—	**100.0**	**+91**
Food & Beverages	231,357	100.0	74.4	126,066	100.0	77.6	+84
Non-Foods & General Merchandise	79,474	—	25.6	36,574	—	22.5	+117

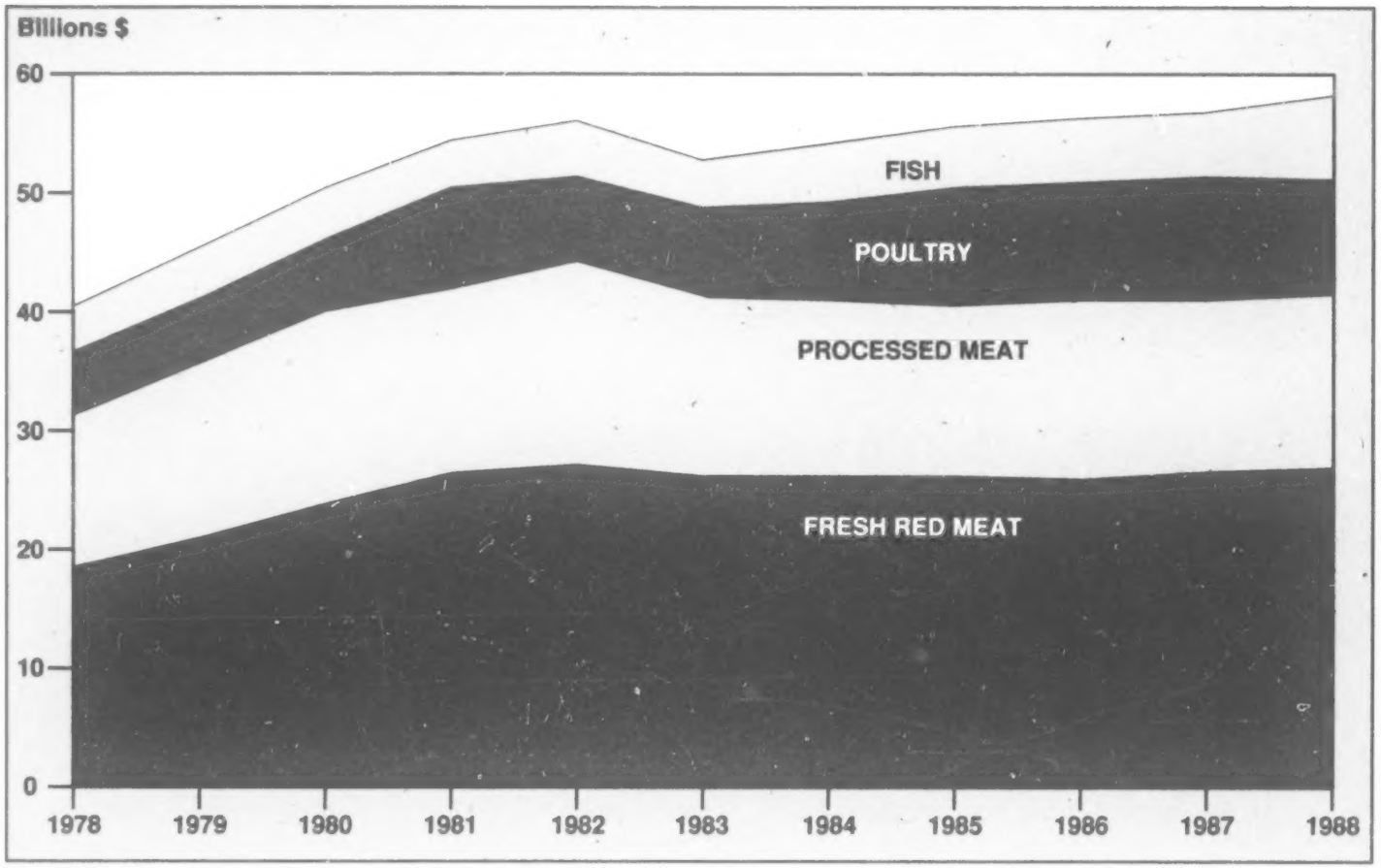
Source: Compiled from Supermarket Business *magazine*

Totals may not add due to rounding

Does not include meats sold through service delis or in prepared forms (i.e., frozen dinners, entrees, etc.)

*Less than 0.05%

Consumer Expenditures for Meat, Poultry and Fish in Grocery Stores, 1978-88



Meat Expenditures by Consumer Characteristics, 1988

	AVERAGE WEEKLY AT-HOME EXPENDITURES PER CONSUMER UNIT					
	BEEF	PORK	OTHER MEATS	POULTRY	FISH	ALL FOODS
By Income						
$ 5,000–$ 9,999	$2.11	$1.65	$1.12	$1.15	$ .78	$27.61
$10,000–$14,999	2.93	2.01	1.38	1.33	.97	34.55
$15,000–$19,999	3.93	2.08	1.45	1.57	1.11	37.27
$20,000–$29,999	3.58	2.08	1.54	1.58	1.09	41.29
$30,000–$39,999	4.14	2.55	1.90	1.65	1.43	48.39
$40,000–$49,999	4.34	2.53	2.19	2.14	1.65	55.02
$50,000 and over	5.07	3.03	2.27	2.56	2.11	58.35
By Number of Earners						
Single Consumers						
No Earner	1.51	.98	.73	.89	.64	20.64
One Earner	1.16	.70	.73	.63	.71	17.76
Two or More Consumers						
No Earner	3.55	2.80	1.49	1.61	.99	38.88
One Earner	4.22	2.59	1.90	1.79	1.54	46.94
Two Earners	4.13	2.39	1.84	1.92	1.40	47.75
Three or More	5.99	3.32	2.49	2.68	1.94	63.80
By Size of Consumer Unit						
One Person	1.28	.79	.73	.71	.69	18.73
Two Persons	3.34	2.19	1.45	1.57	1.27	38.23
Three Persons	4.35	2.42	1.79	1.99	1.32	47.89
Four Persons	5.43	2.97	2.25	2.23	1.61	58.31
Five Persons	5.61	3.45	2.95	2.53	1.87	64.74
Six or more	5.88	3.75	2.96	2.74	2.09	68.73
By Composition of Consumer Unit						
Husband and Wife, All	4.64	2.73	2.01	2.05	1.57	52.27
Oldest Child Aged:						
Under 6	4.17	1.87	1.65	1.62	1.39	47.77
6–17	5.30	3.14	2.57	2.27	1.60	62.04
18 or Over	6.47	3.43	2.56	2.65	1.95	82.62
One Parent With Children Aged Under 18	3.26	2.17	1.37	1.51	1.01	36.91
Others	1.90	1.21	.99	1.01	.82	24.03
By Region						
Northeast	3.63	1.95	1.86	2.06	1.61	41.91
Midwest	3.54	2.27	1.65	1.34	.94	39.50
South	3.44	2.29	1.37	1.57	1.15	38.81
West	3.44	1.80	1.55	1.59	1.41	43.03
By Race						
White and Other	3.53	2.05	1.57	1.58	1.39	41.21
Black	3.25	2.65	1.63	1.92	1.01	34.67
By Housing Tenure						
Homeowner	3.94	2.43	1.79	1.85	1.22	46.10
Renter	2.74	1.56	1.23	1.22	1.48	30.76
By Type of Area						
Urban	3.52	2.06	1.60	1.66	1.28	40.37
Rural	3.39	2.47	1.44	1.38	1.09	41.25

Source: U.S. Department of Labor, Bureau of Labor Statistics, 1988 Consumer Expenditure Survey

Average Weekly At-Home Meat Expenditures by Type, 1988

ITEM	DOLLARS PER CONSUMER UNIT
Beef	**$3.50**
Ground Beef	1.51
Roasts	.62
Steaks	1.13
Other	.25
Pork	**2.11**
Bacon	.38
Chops	.50
Ham	.51
Sausage	.30
Other	.42
Other Meats	**1.58**
Frankfurters	.32
Lunch Meats (Cold Cuts)	1.12
Lamb	.14
Poultry	**1.62**
Fresh Whole Chicken	.31
Fresh & Frozen Chicken Parts	.94
Other	.36
Fish and Seafood	**1.25**
Canned	.33
Fresh and Frozen Shellfish	.29
Fresh and Frozen Finfish	.63

Source: U.S. Department of Labor, Bureau of Labor Statistics, 1988 Consumer Expenditure Survey

Grocery Stores: Percentage of Meat Sales by Type

	BEEF	PORK	VEAL	LAMB	POULTRY	FISH & SEAFOOD	PROCESSED & FROZEN	OTHER
					Percent			
Retail Sales (Mil. $) . . .								
Under $10	41.9%	20.2%	1.6%	1.7%	21.0%	4.0%	6.2%	3.5%
$ 10-$30	39.3	19.7	1.7	1.8	19.4	4.7	10.5	3.1
$ 31-$100	39.5	19.5	1.3	1.5	19.2	5.1	8.8	5.1
$101-$250	40.3	16.2	1.9	2.3	21.4	4.4	10.8	2.9
$251-$500	39.7	13.9	1.4	1.6	18.0	4.2	19.5	2.2
$501 +	36.9	15.0	1.4	1.6	19.1	4.3	17.4	4.8
Retail Affiliation								
Chain	37.3	15.1	1.4	1.7	19.1	4.4	17.1	4.5
Independent	41.1	19.1	1.8	1.9	19.2	4.6	8.7	3.7
Headquarters Region								
Northeast	39.6	13.1	2.1	2.9	20.6	5.1	7.9	8.7
Middle Atlantic	40.8	16.8	2.4	1.8	22.5	3.4	10.5	2.1
East North Central	36.4	16.0	1.2	1.2	15.3	6.4	21.7	2.5
West North Central	39.5	16.2	1.2	1.1	15.5	2.7	11.1	12.5
Southeast	38.2	12.2	1.5	2.1	15.8	3.8	20.7	5.9
West South Central	38.6	16.0	1.1	1.3	19.8	3.0	18.4	2.0
Mountain	43.8	12.9	1.1	1.4	14.7	3.5	20.2	2.8
Pacific	35.3	18.5	1.1	1.2	25.2	4.2	11.3	4.2
Average	**37.6**	**15.3**	**1.4**	**1.7**	**19.2**	**4.3**	**16.6**	**4.4**

Source: U.S. Department of Agriculture
May not add due to rounding.

Retail Beef Cuts*: Percentage of Bone-In vs. Boneless

REGION	BONE-IN	BONELESS
Northeast & East	32%	68%
Southeast	22	78
North Central	39	61
South Central	10	90
Mountain	44	56
West	21	79
Average	28	72
PRIMAL ORIGIN		
Chuck	35	65
Round	5	95
Loin	49	51
Rib	54	46

Source: Texas A&M University* "National Beef Market Basket Study", *1988

**Excluding ground beef*

Average Fat Thickness on Retail Beef Cuts

	PRIMAL CUT ORIGIN OF RETAIL CUT				
REGION	ROUND	LOIN	RIB	CHUCK	AVERAGE
Northeast & East	.12	.18	.10	.08	.12
Southeast	.13	.15	.14	.12	.14
North Central	.12	.18	.13	.12	.14
South Central	.07	.15	.12	.06	.10
Mountain	.17	.27	.04	.16	.16
West	.12	.26	.20	.13	.18
Average	**.12**	**.19**	**.12**	**.11**	**.14***

Source: Texas A&M University* "National Beef Market Basket Study," *1988

**Excludes stew meat, brisket, shanks, flank steak, stir fry, ground beef, etc.*

U.S. Imports, Exports, and Net Imports of Beef and Veal, Pork, Lamb and Mutton, and Total Meat in Relation to Domestic Production, 1980–89

	PRODUCTION	IMPORTS	EXPORTS	NET IMPORTS	PERCENTAGE OF U.S. PRODUCTION		
					IMPORTS	EXPORTS	NET IMPORTS
	Million Pounds[1]				Percent		
			BEEF AND VEAL				
1980	21,848	2,085	177	1,908	9.5%	.8%	8.7%
1981	22,628	1,761	221	1,540	7.8	1.0	6.8
1982	22,789	1,958	254	1,704	8.6	1.1	7.5
1983	23,488	1,950	276	1,674	8.3	1.2	7.1
1984	23,897	1,847	336	1,511	7.7	1.4	6.3
1985	24,056	2,091	332	1,759	8.7	1.4	7.3
1986	24,722	2,156	526	1,630	8.7	2.1	6.6
1987	23,821	2,294	611	1,683	9.6	2.6	7.1
1988	23,811	2,406	690	1,716	10.1	2.9	7.2
1989	23,318	2,175	1,062	1,113	9.3	4.6	4.7
			PORK				
1980	16,433	550	252	298	3.3	1.5	1.8
1981	15,717	542	307	235	3.4	2.0	1.5
1982	14,121	612	214	398	4.3	1.5	2.8
1983	15,117	699	220	479	4.6	1.4	3.2
1984	14,720	954	164	790	6.5	1.1	5.4
1985	14,728	1,128	128	1,000	7.7	.9	6.8
1986	13,998	1,122	86	1,036	8.0	.6	7.4
1987	14,312	1,195	109	1,086	8.3	.8	7.6
1988	15,623	1,137	195	942	7.3	1.2	6.0
1989	15,759	896	268	628	5.7	1.7	4.0
			LAMB AND MUTTON				
1980	310	33	2	31	10.6	.6	10.0
1981	328	31	3	28	9.5	.9	8.5
1982	356	21	2	19	5.9	.6	5.3
1983	367	18	2	16	4.9	.5	4.4
1984	371	20	2	18	5.4	.5	4.9
1985	352	36	1	35	10.2	.3	10.0
1986	331	41	2	39	12.4	.6	11.8
1987	309	44	2	42	14.2	.6	13.6
1988	329	51	1	50	15.5	.3	15.2
1989	341	63	2	61	18.5	.6	17.9
			TOTAL MEAT				
1980	38,591	2,668	430	2,238	6.9	1.1	5.8
1981	38,673	2,334	531	1,803	6.0	1.4	4.7
1982	37,266	2,592	470	2,122	7.0	1.3	5.7
1983	38,972	2,667	497	2,170	6.8	1.3	5.6
1984	38,988	2,821	501	2,320	7.2	1.3	5.9
1985	39,136	3,255	461	2,794	8.3	1.2	7.1
1986	39,051	3,319	614	2,705	8.5	1.6	6.9
1987	38,442	3,533	722	2,811	9.2	1.9	7.3
1988	39,763	3,594	886	2,708	9.0	2.2	6.8
1989	39,418	3,134	1,332	1,802	8.0	3.4	4.6

Source: U.S. Department of Agriculture

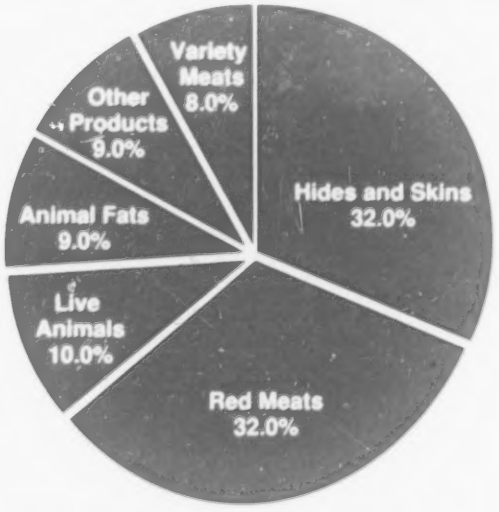
[1]*Carcass weight equivalent*

Meat and Related Products: Value of United States Imports and Exports, 1987–89

ITEM	IMPORTS			EXPORTS		
	1987	1988	1989	1987	1988	1989
	Million Dollars					
Beef and Veal	$1,562.2	$1,679.3	$1,639.8	$771.2	$1,109.0	$1,418.2
Pork	1,096.3	933.5	746.9	128.9	249.4	328.8
Lamb and Mutton	3.7	6.0	9.6	2.7	3.0	6.1
Variety Meats	32.4	32.4	81.6	336.2	442.0	354.0
Tallow, Greases and Lard	2.3	2.0	2.4	397.8	534.5	450.4
Casings	69.2	80.0	63.7	24.3	30.0	31.6
Hides, Skins and Leather	82.8	104.8	98.1	1,802.2	2,095.4	2,103.3
Wool, Mohair and Other Hair	219.8	305.7	303.3	92.5	119.0	130.7

Source: U.S. Department of Agriculture

Livestock, Meat and Related Products— Share of Total Export Value, 1989



TOTAL EXPORT VALUE = $5.385 BILLION

Source: U.S. Department of Agriculture

U.S. Exports of Selected Red Meat and Livestock Products by Major Markets, 1987–89

Product and Country	Quantity (Thousand Metric Tons)			Value (Million Dollars)		
	1987	1988	1989	1987	1988	1989
Fresh or Frozen Beef and Veal	**200.2**	**214.5**	**379.0**	**$728.5**	**$1,043.1**	**$1,391.4**
Japan	125.2	158.3	270.2	543.8	811.6	1,001.9
Canada	11.9	16.1	31.4	50.2	69.5	119.4
South Korea	.2	5.1	21.5	1.4	23.7	78.8
Mexico	2.7	14.1	29.6	5.0	36.6	76.2
Fresh or Frozen Pork	**29.1**	**54.6**	**79.3**	**114.3**	**226.9**	**298.6**
Japan	19.5	38.2	49.9	90.5	181.8	222.3
Mexico	2.0	10.2	19.3	3.9	23.7	48.4
Variety Meats	**222.3**	**302.1**	**245.2**	**336.2**	**442.0**	**354.0**
Beef	**182.8**	**214.6**	**180.9**	**305.5**	**375.1**	**301.4**
Japan	54.2	67.4	90.7	140.4	176.7	209.2
Mexico	22.9	36.5	35.0	15.8	44.9	40.0
Egypt	19.4	28.8	22.4	11.4	15.3	13.9
European Community	64.3	60.1	7.7	100.9	97.0	10.1
Pork	**35.4**	**84.0**	**60.0**	**25.5**	**62.3**	**47.1**
Mexico	15.8	56.6	35.6	8.8	40.8	24.5
European Community	9.3	10.7	13.6	9.1	8.0	10.6
Inedible Tallow and White Grease	**1,075.3**	**1,221.4**	**1,086.9**	**363.5**	**479.7**	**391.0**
European Community	153.2	188.7	157.7	44.9	68.0	52.2
Mexico	144.4	120.9	111.4	52.0	50.0	44.1
Turkey	48.0	31.7	83.5	16.8	12.8	30.8
U.S.S.R.	54.9	65.0	77.3	18.8	26.4	26.0
Egypt	135.7	147.0	72.0	45.5	55.9	25.6
Cattle Hides (Whole)	—	—	—	**1,306.1**	**1,466.0**	**1,297.1**
South Korea	—	—	—	577.5	636.9	604.0
Japan	—	—	—	332.6	416.1	353.2
Taiwan	—	—	—	172.3	157.0	104.2
Mexico	—	—	—	65.8	89.6	62.9
Romania	—	—	—	12.9	36.2	51.6

Source: U.S. Department of Commerce

U.S. Imports of Selected Red Meat Products by Major Markets, 1987–89

Product and Country	QUANTITY (Thousand Metric Tons) 1987	1988	1989	VALUE (Million Dollars) 1987	1988	1989
Boneless Beef	**632.5**	**670.5**	**608.1**	**$1,254.1**	**$1,411.3**	**$1,399.3**
Australia	331.0	357.8	272.8	652.1	754.9	627.8
New Zealand	200.2	210.3	219.0	389.7	445.4	511.8
Canada	40.7	39.4	57.1	78.2	69.1	117.8
Costa Rica	27.3	23.6	19.7	64.6	56.4	51.0
Other Beef*	**101.6**	**98.0**	**82.9**	**276.6**	**226.5**	**218.9**
Argentina	46.0	44.8	46.1	148.1	121.6	131.6
Brazil	25.0	29.3	19.3	69.6	61.0	48.4
Canada	26.4	19.5	13.0	45.5	32.1	25.5
Fresh or Frozen Pork	**302.4**	**282.7**	**135.9**	**580.1**	**477.0**	**244.5**
Canada	232.8	213.8	100.7	429.4	342.3	170.4
European Community	57.6	57.2	26.1	127.8	112.9	56.6
Canned Hams & Shoulders	**144.6**	**139.1**	**107.3**	**475.7**	**415.2**	**327.1**
Denmark	62.1	57.1	38.7	225.7	190.3	131.6
Poland	37.7	38.6	34.1	120.9	111.9	97.9

Source: U.S. Department of Commerce
**Includes bone-in, cooked or prepared, canned, etc.*

World Meat Trade in Selected Countries[1], 1989

	BEEF & VEAL		PORK		LAMB & MUTTON	
	Imports	Exports	Imports	Exports	Imports	Exports
	Thousand Metric Tons, Carcass Equivalent					
NORTH AMERICA						
Canada	160	105	0	1,150	N.A.	N.A.
Mexico	20	1	80	N.A.	4	N.A.
United States	987	482	1,074	93	27	2
CENTRAL AMERICA						
Costa Rica	N.A.	22	N.A.	N.A.	N.A.	N.A.
Guatemala	N.A.	13	N.A.	N.A.	N.A.	N.A.
Honduras	N.A.	10	N.A.	N.A.	N.A.	N.A.
SOUTH AMERICA						
Argentina	N.A.	360	N.A.	N.A.	N.A.	9
Brazil	180	280	N.A.	N.A.	N.A.	N.A.
Uruguay	N.A.	177	N.A.	N.A.	N.A.	N.A.
WESTERN EUROPE						
Belgium-Luxembourg	23	110	1,905	1,000	15	4
Denmark	28	155	N.A.	12	3	N.A.
France	347	390	1,700	250	111	6
West Germany	305	560	1,350	1,350	32	2
Greece	175	N.A.	3	N.A.	14	N.A.
Ireland	19	402	200	100	N.A.	37
Italy	470	80	1,520	12	24	2
Netherlands	65	310	60	4,200	4	6
Portugal	24	N.A.	37	N.A.	4	1
Spain	32	29	926	0	9	6
United Kingdom	375	156	60	115	135	90
European Community*	455	791	371	10	212	5
Austria	3	48	N.A.	1	N.A.	N.A.
Finland	2	6	N.A.	N.A.	N.A.	N.A.
Sweden	15	6	N.A.	N.A.	N.A.	N.A.
EASTERN EUROPE						
Czechoslovakia	10	40	0	N.A.	N.A.	3
East Germany	0	40	N.A.	N.A.	N.A.	7
Hungary	15	38	0	440	N.A.	2
Poland	105	70	100	N.A.	N.A.	N.A.
Romania	N.A.	125	N.A.	N.A.	N.A.	N.A.
Yugoslavia	44	40	350	N.A.	N.A.	45
U.S.S.R.	120	5	300	N.A.	15	5
ASIA						
China	N.A.	57	0	2,985	0	1
Hong Kong	77	1	N.A.	N.A.	N.A.	N.A.
Japan	510	0	1	N.A.	150	N.A.
Taiwan	44	N.A.	1	0	N.A.	N.A.
OCEANIA						
Australia	N.A.	875	N.A.	0	N.A.	184
New Zealand	N.A.	430	N.A.	N.A.	N.A.	478

Source: U.S. Department of Agriculture

[1]*Preliminary data for countries other than U.S.*

**Excludes intra-EC trade; figures for EC countries reflect third country trade as well as intra-EC trade*

Note: Figures are reported in thousands of metric tons. A metric ton is equivalent to 2,204.6 pounds

N.A.—Not Available

The American Meat Institute was founded in 1906 and represents approximately 450 meat packers and processors who produce over 90% of this country's meat and approximately 500 suppliers of meat equipment, products and services. The Institute serves members and the general public through its Departments of Congressional Affairs, Regulatory Affairs, Science and Technical Affairs, Public Affairs, Convention Services, and Education and Member Services.

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